

FIG. 1

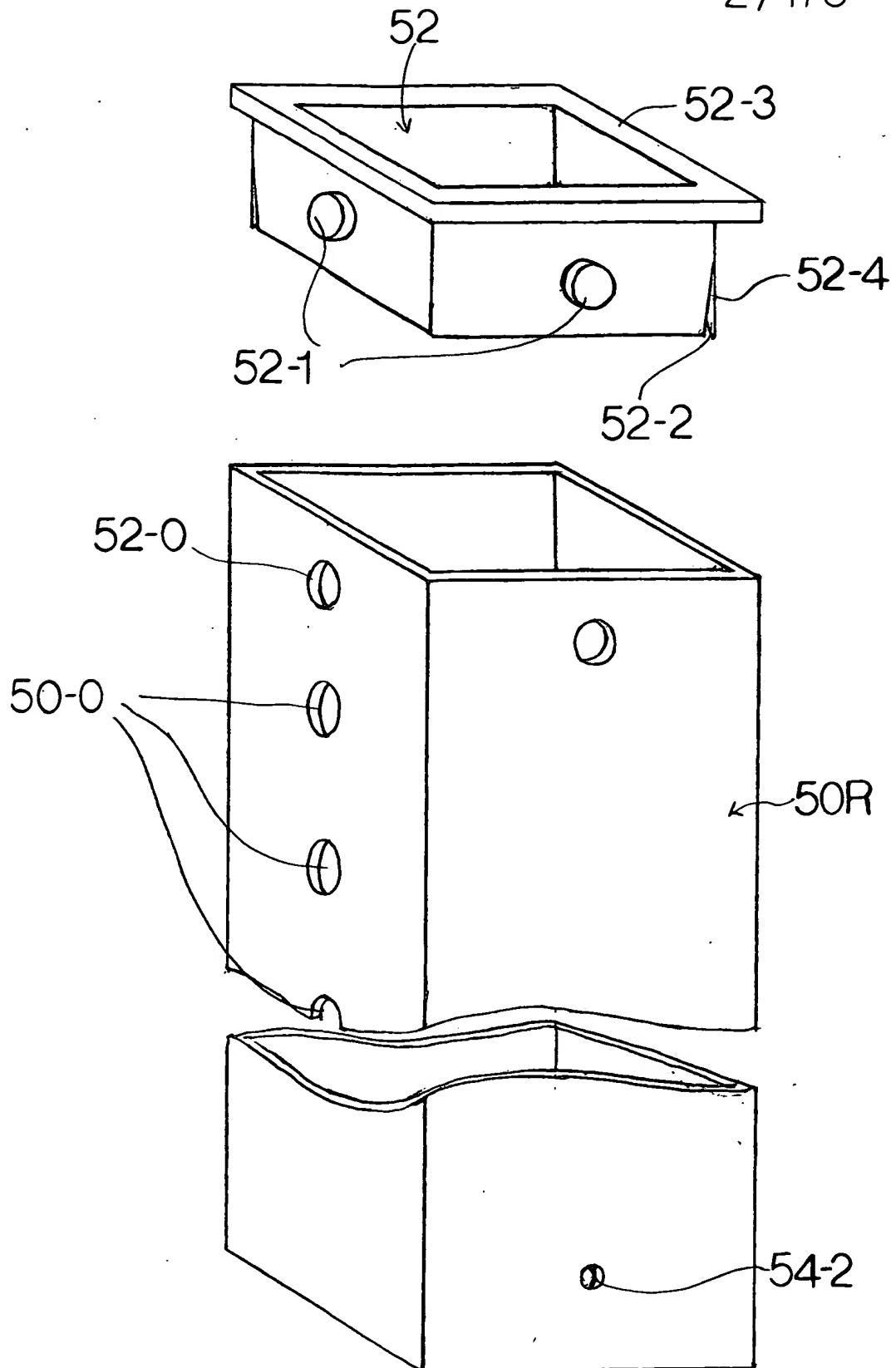


FIG. 2

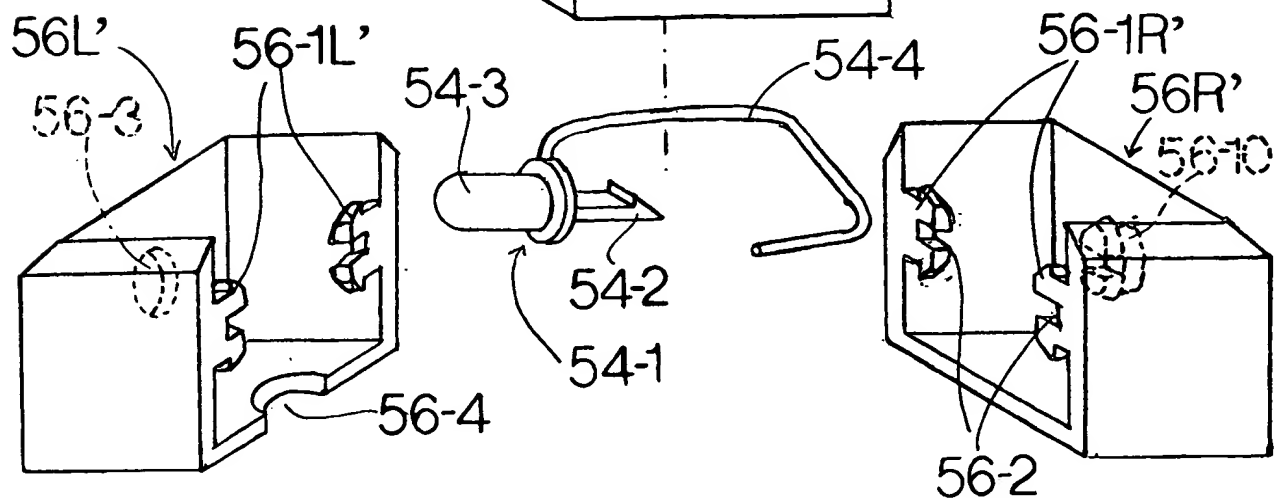
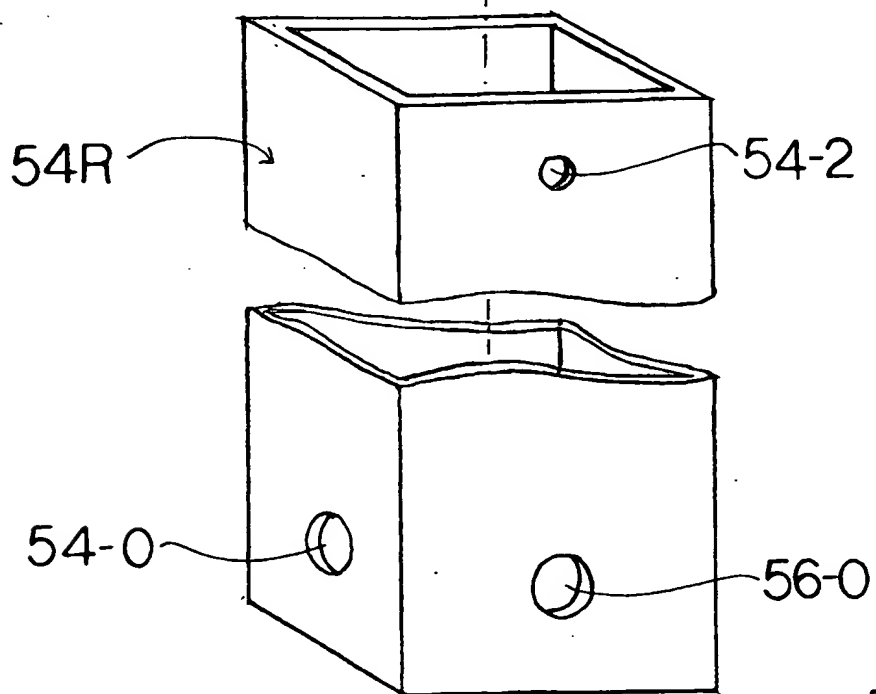
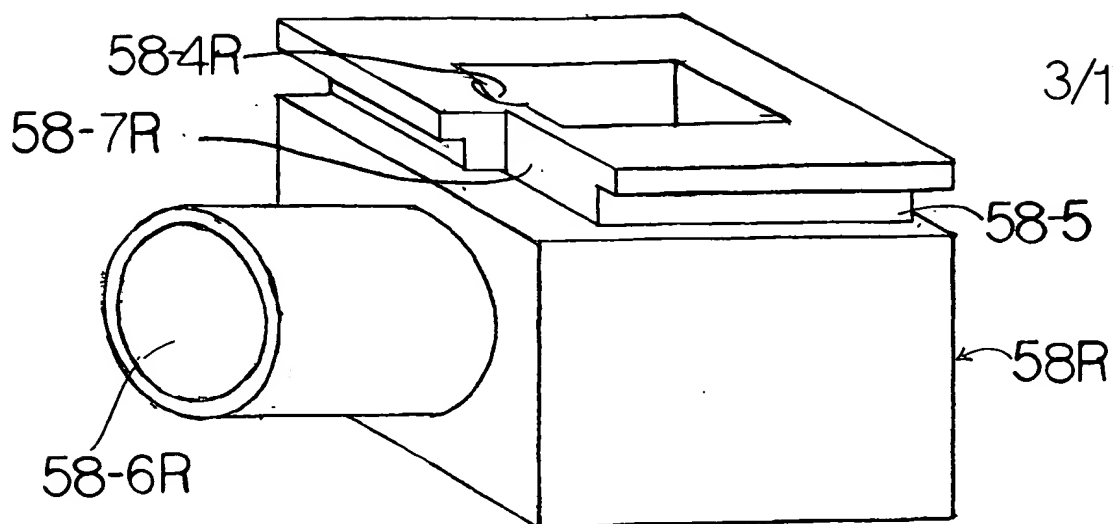


FIG.3-A

4/173

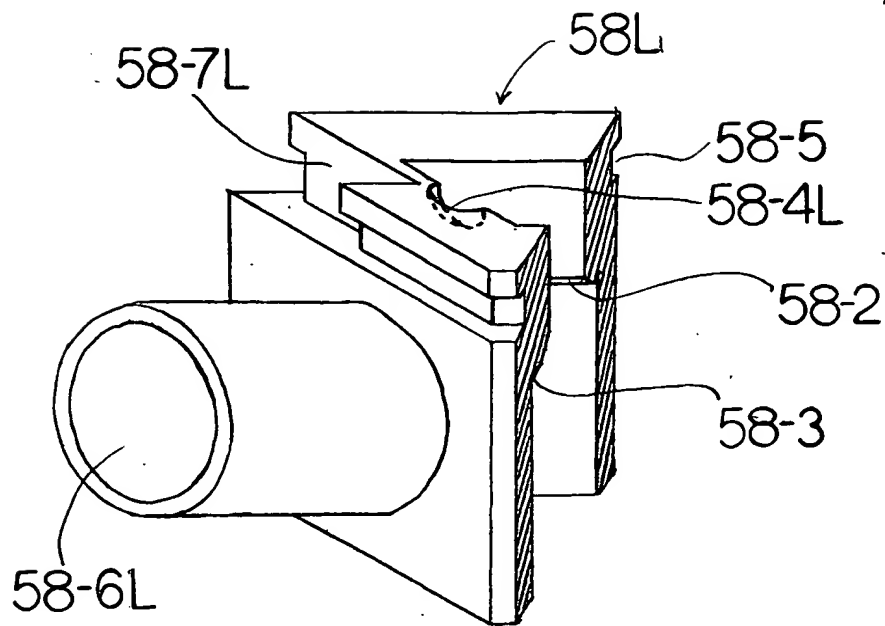


FIG. 3-B

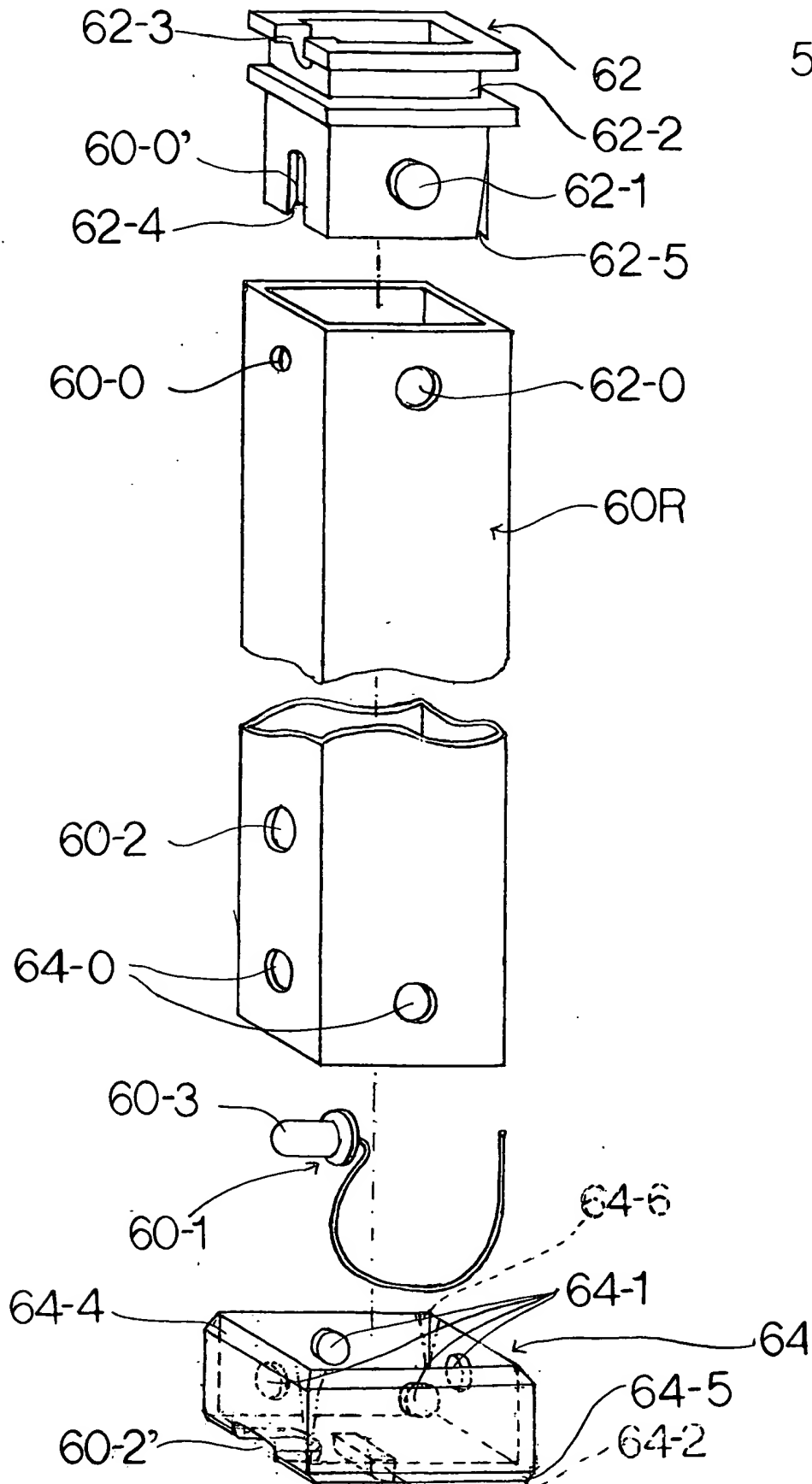


FIG. 4

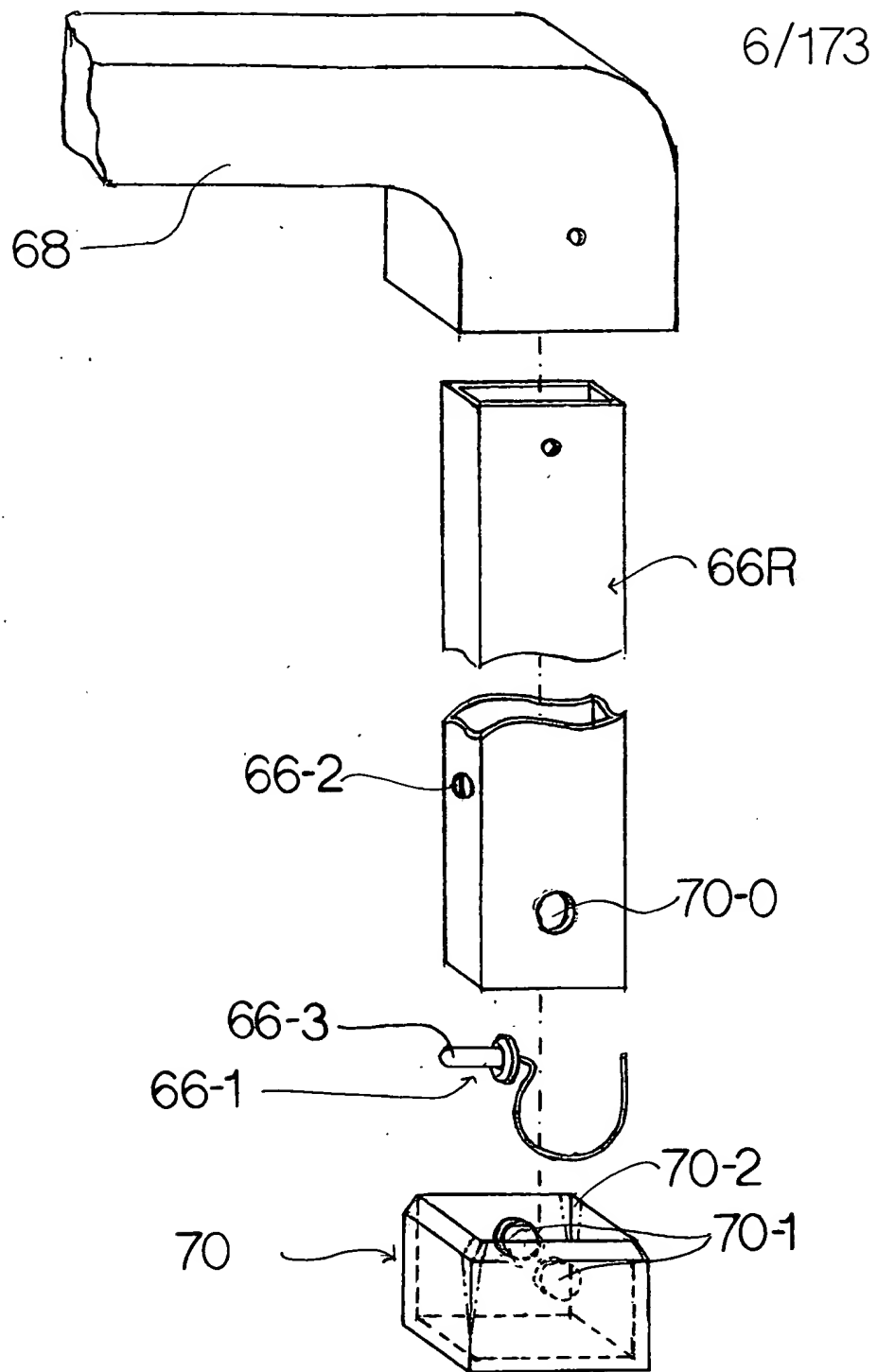


FIG. 5

+

7/173

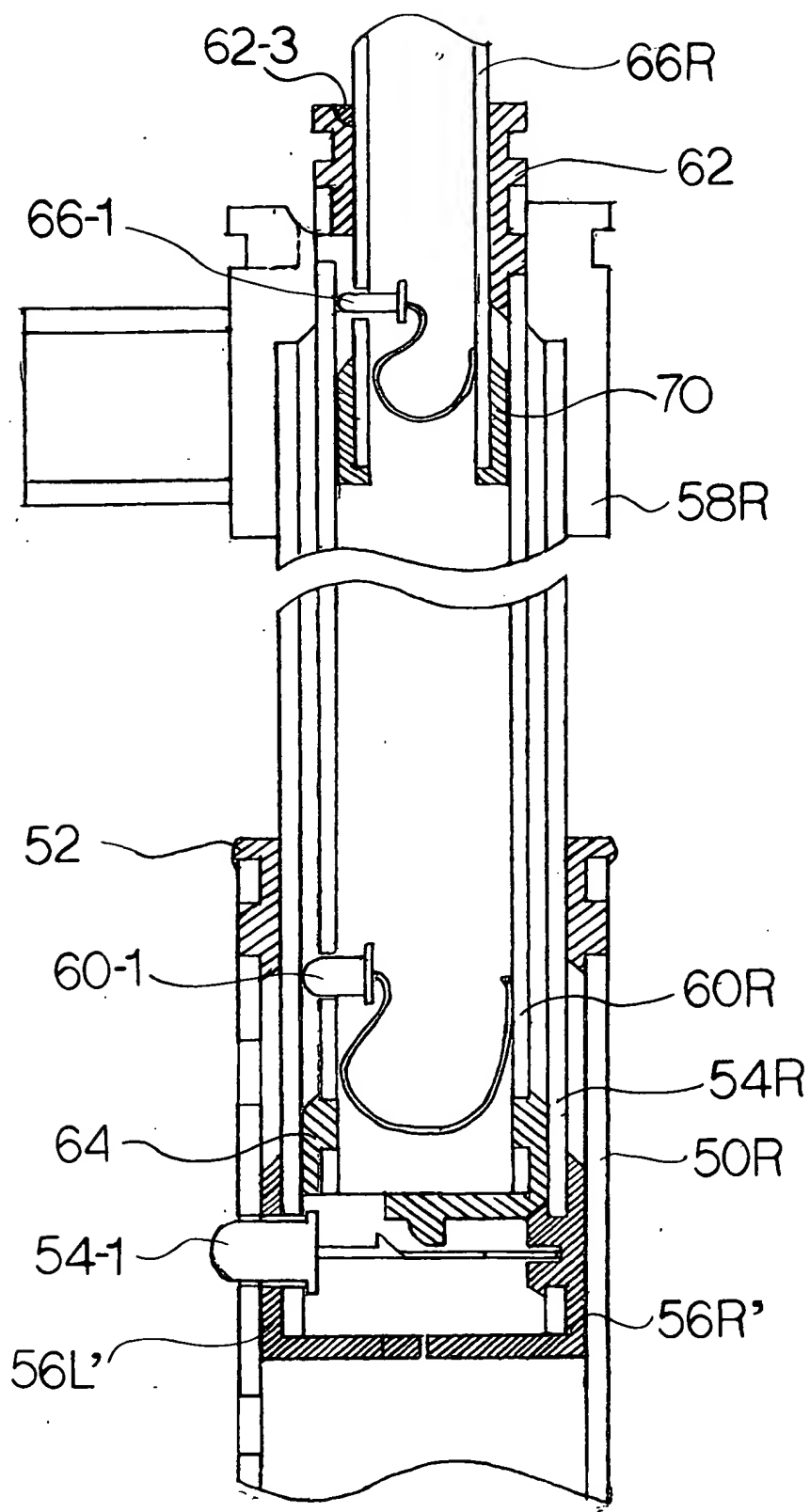
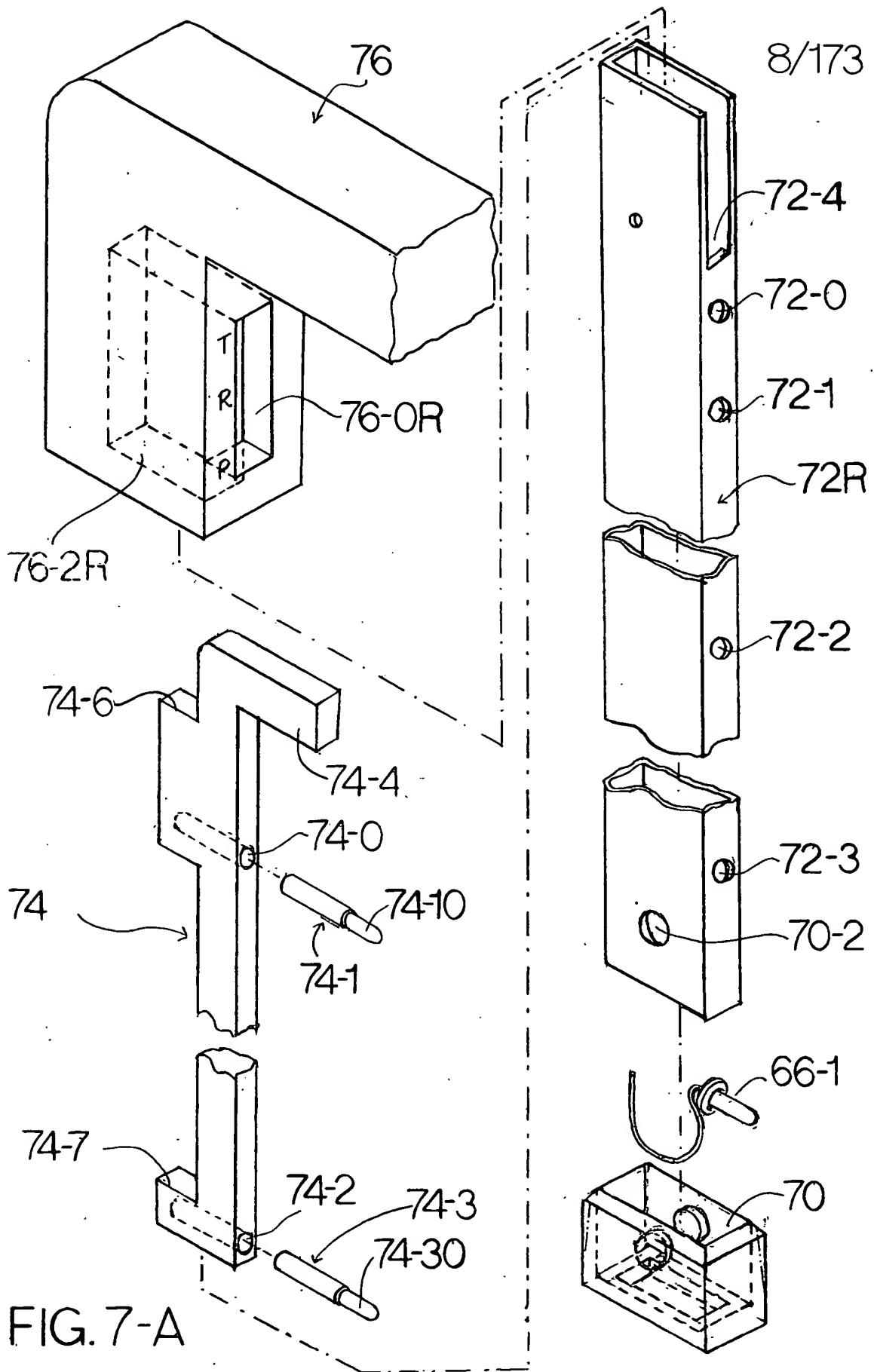


FIG. 6

+



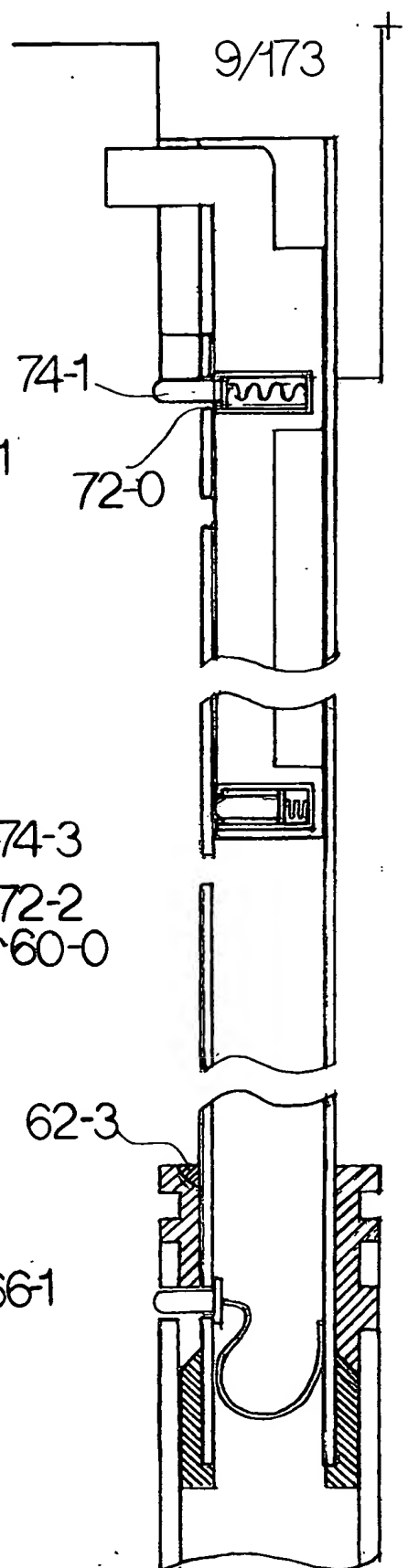
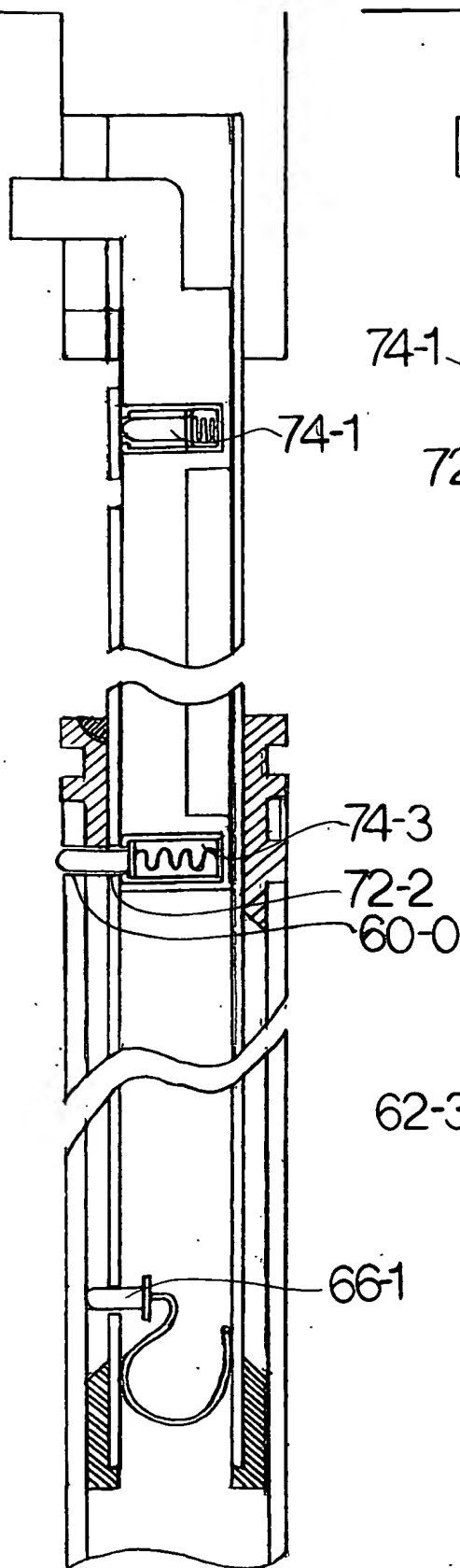
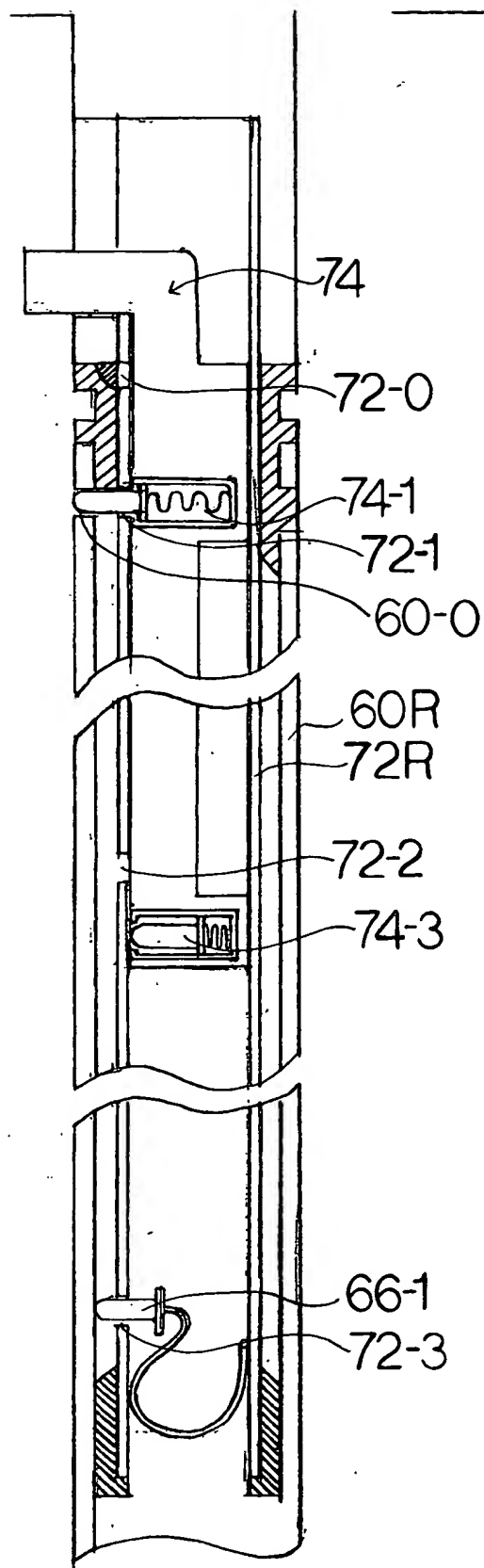


FIG. 7-CA

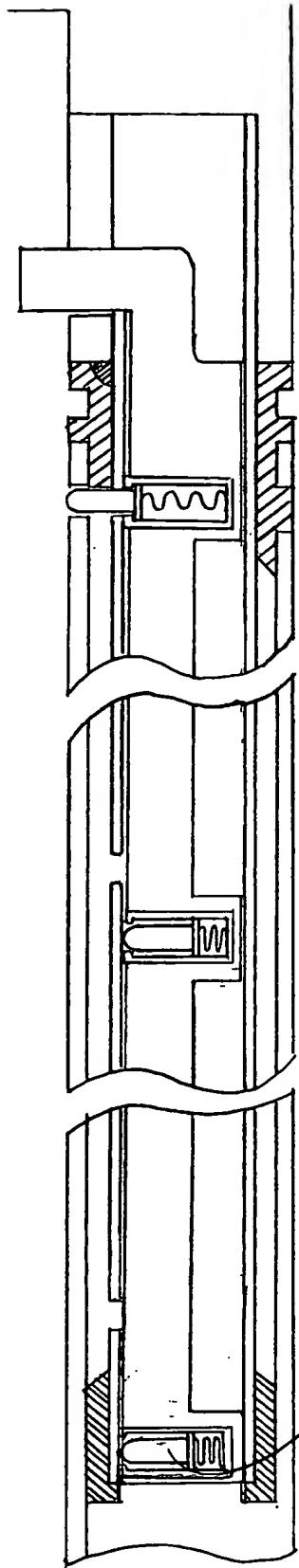


FIG. 7-CA

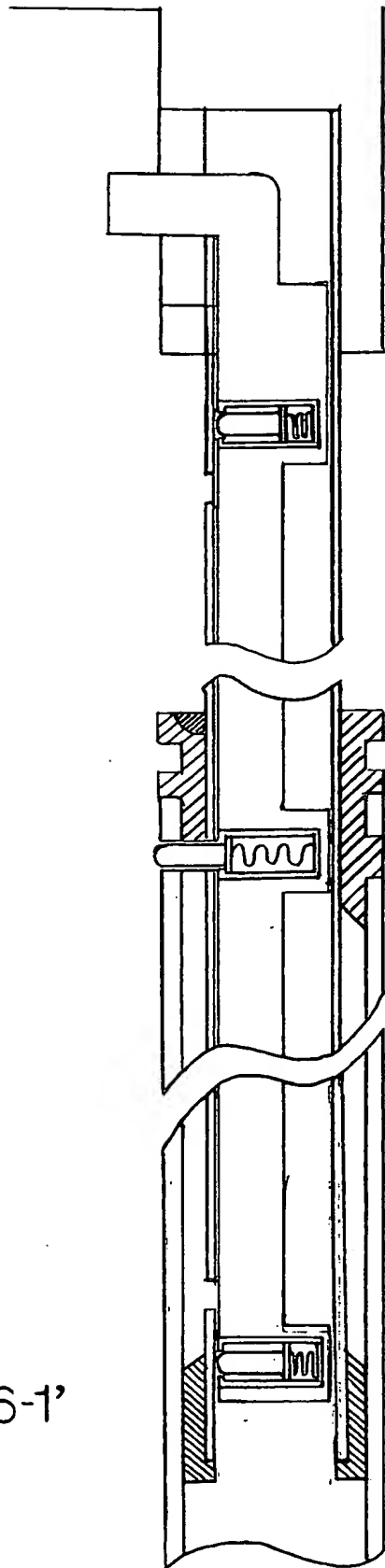


FIG. 7-CB

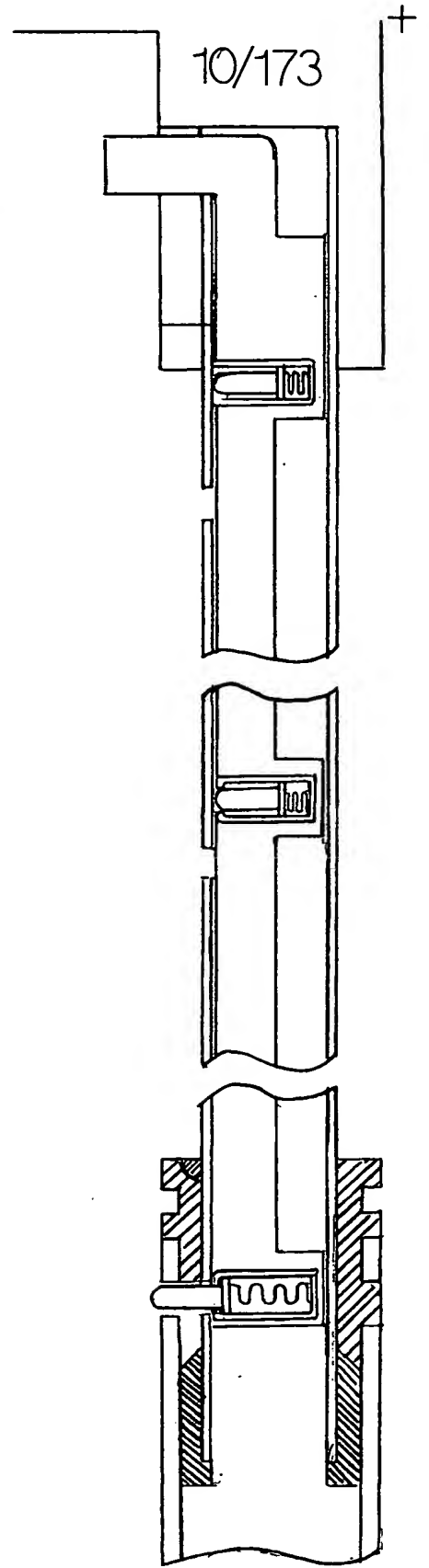


FIG. 7-CC

+

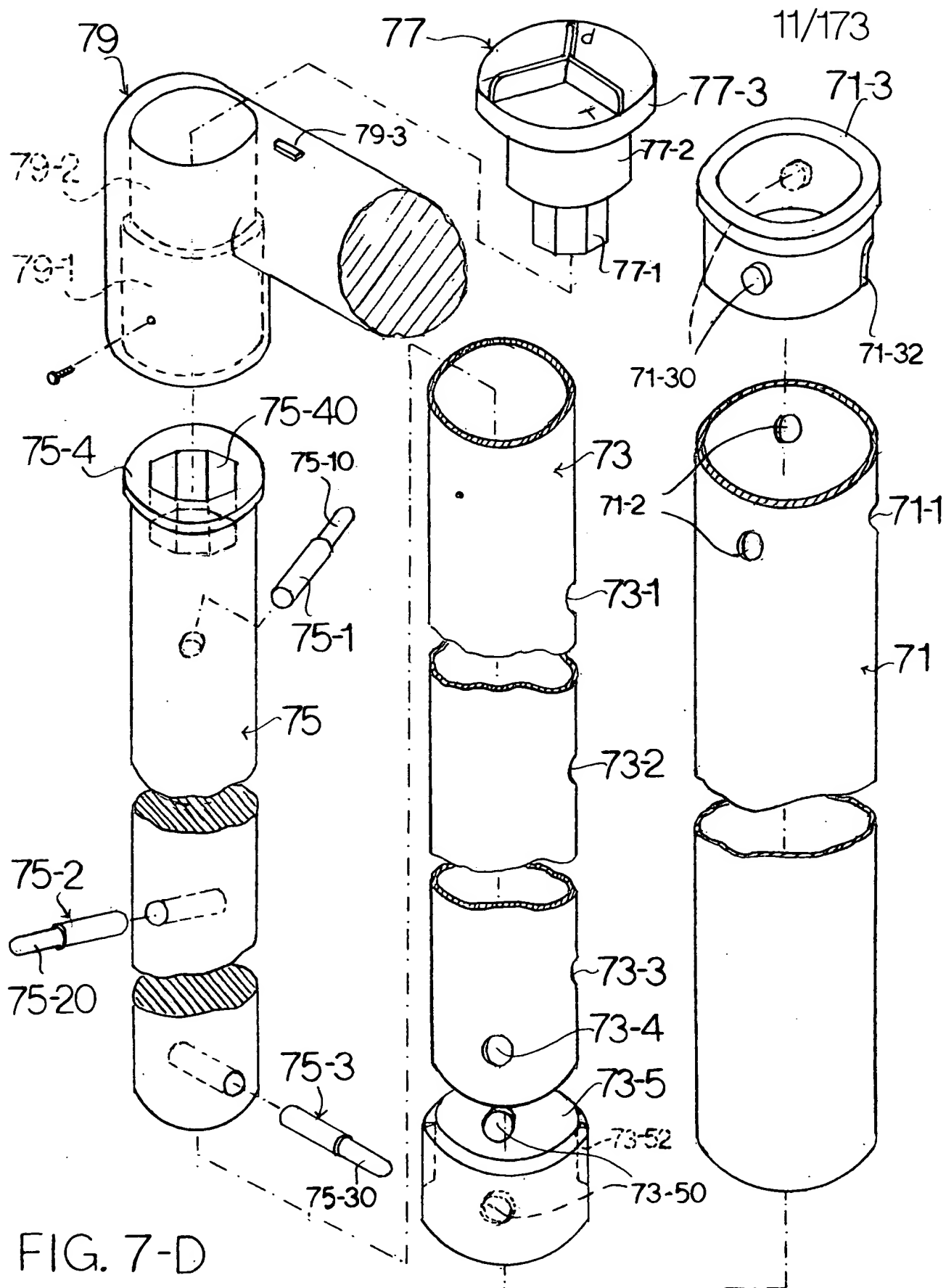


FIG. 7-D

+

12/173

FIG. 7-D'

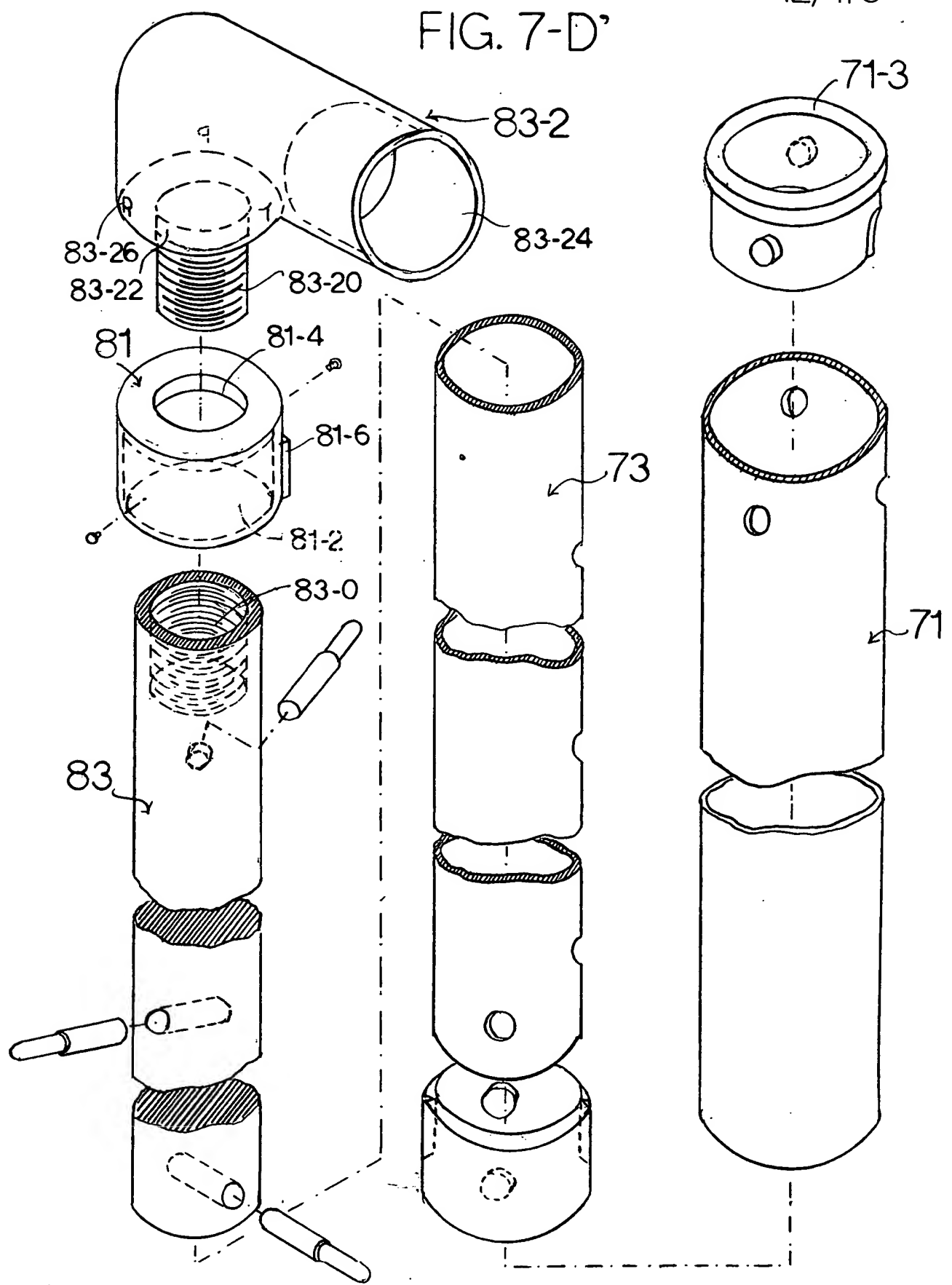
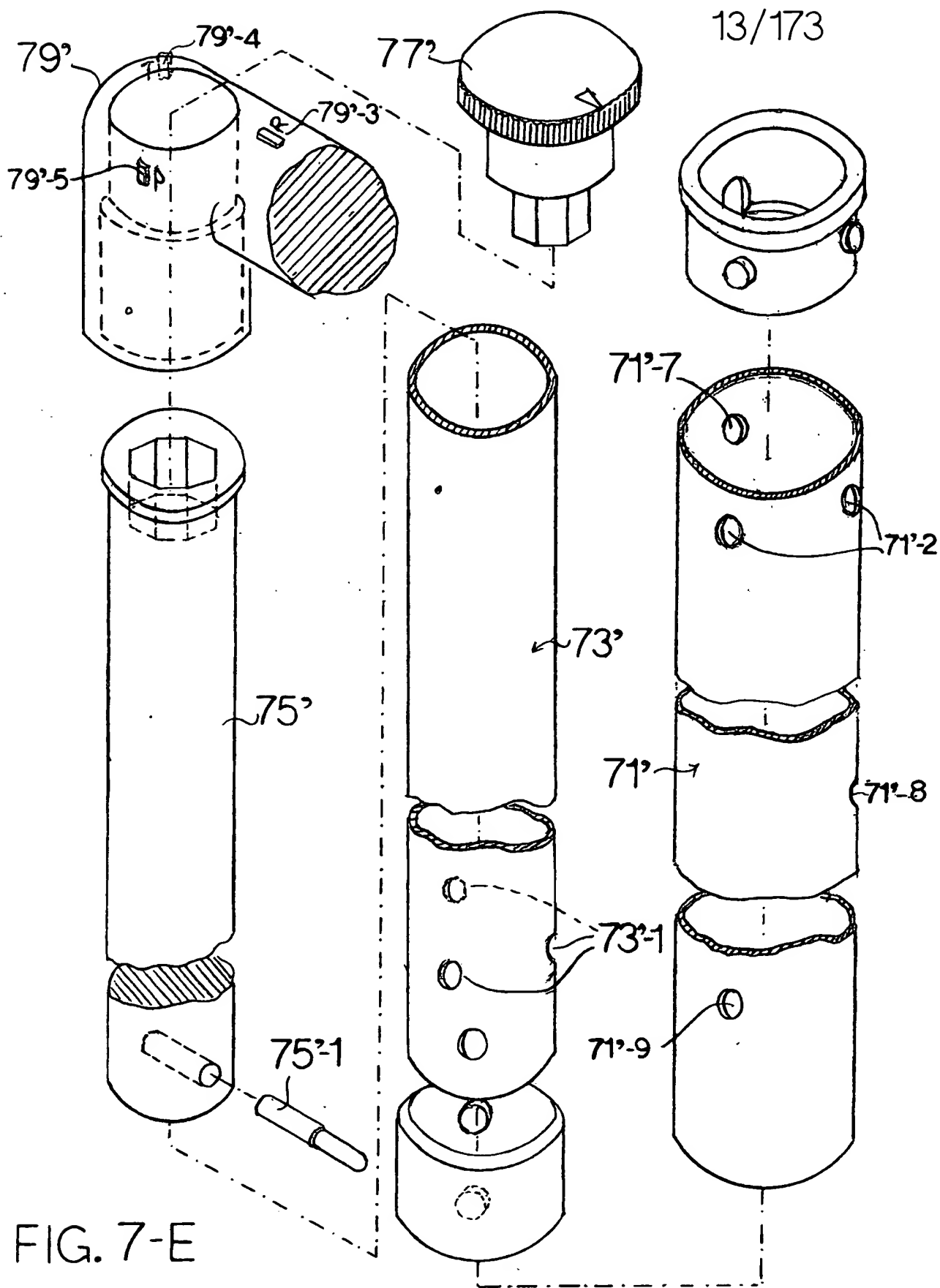


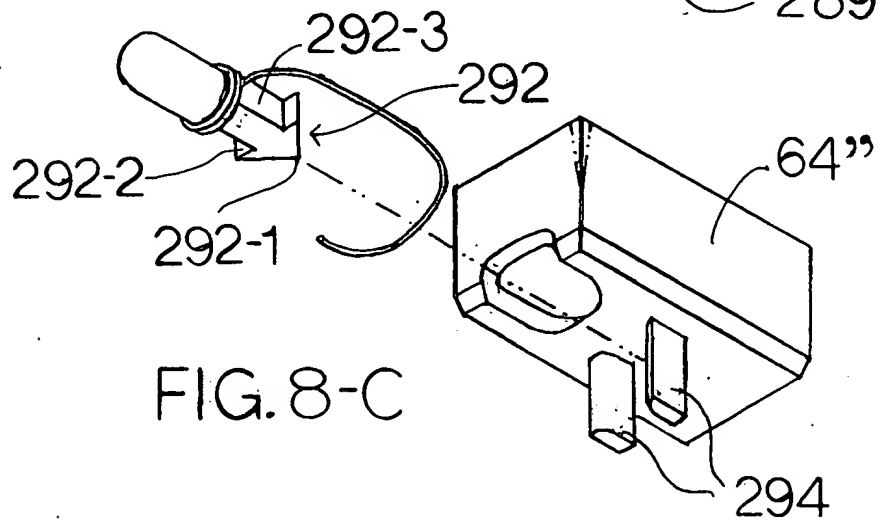
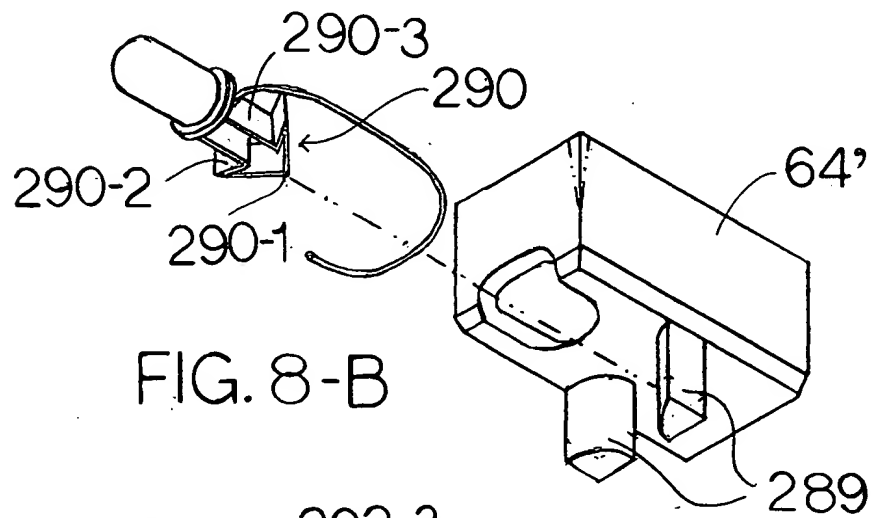
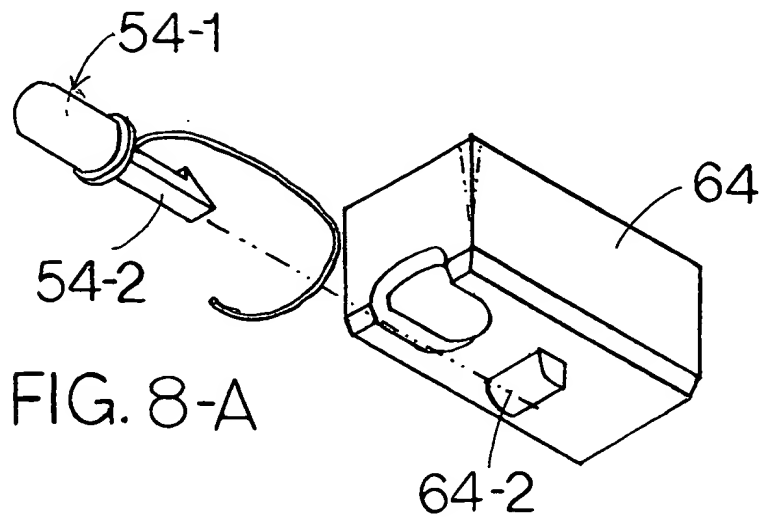
FIG. 7-D'

+

+



+



+

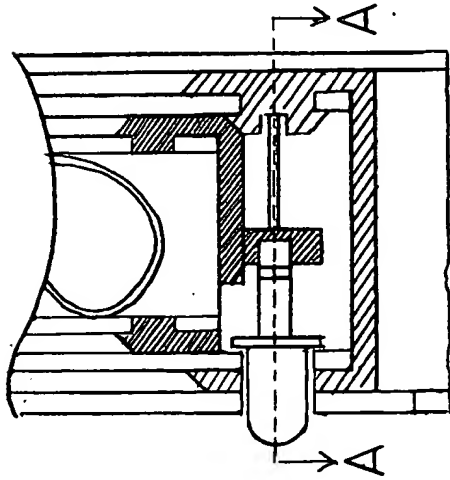


FIG. 8-A1

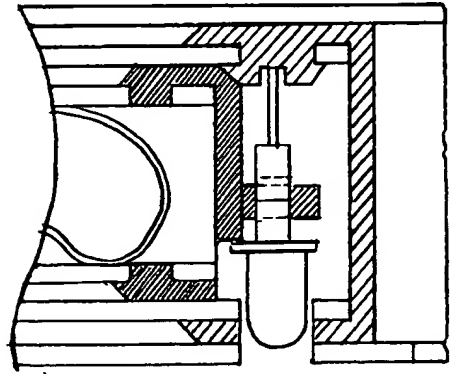


FIG. 8-A2

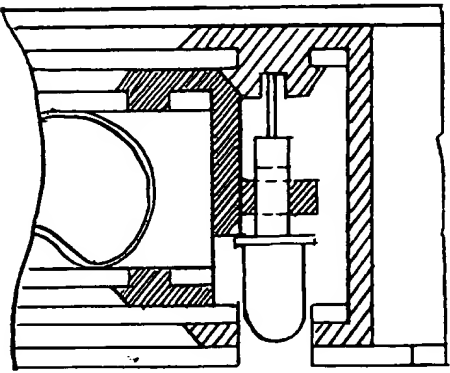


FIG. 8-A3

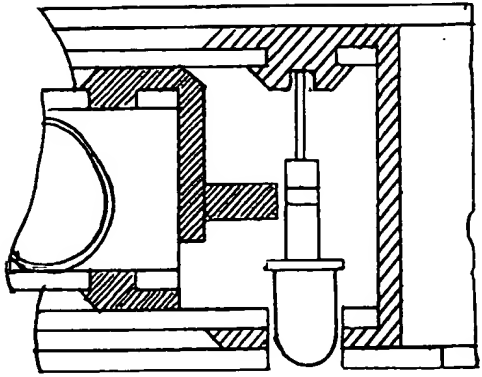


FIG. 8-A4

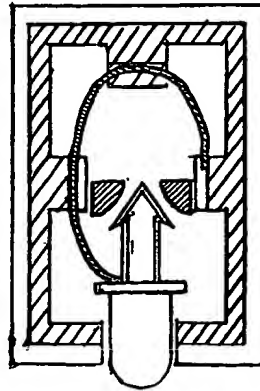


FIG. 8-B1

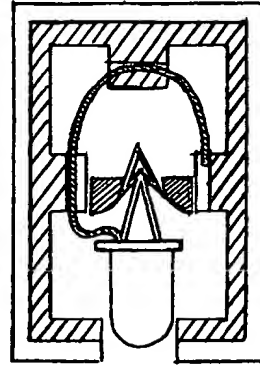


FIG. 8-B2

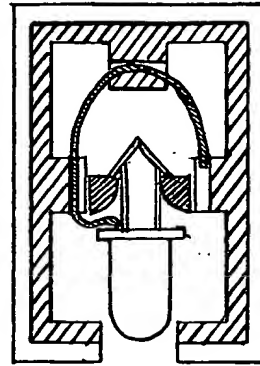


FIG. 8-B3

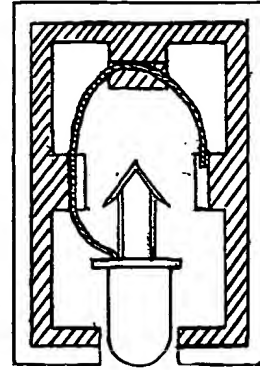


FIG. 8-B4

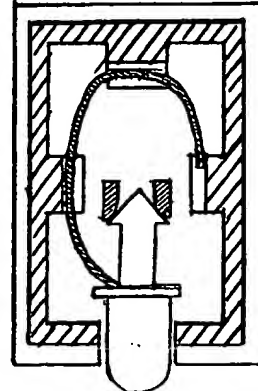


FIG. 8-C1

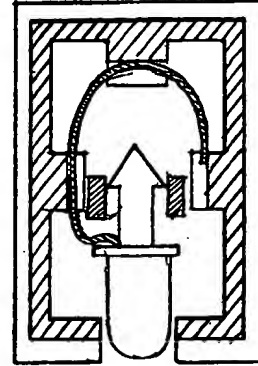


FIG. 8-C2

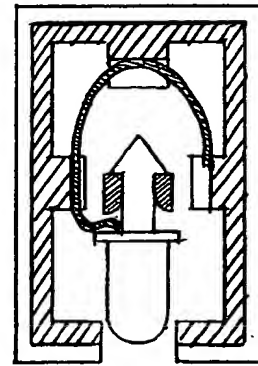


FIG. 8-C3

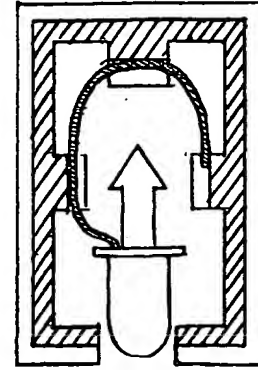


FIG. 8-C4

+

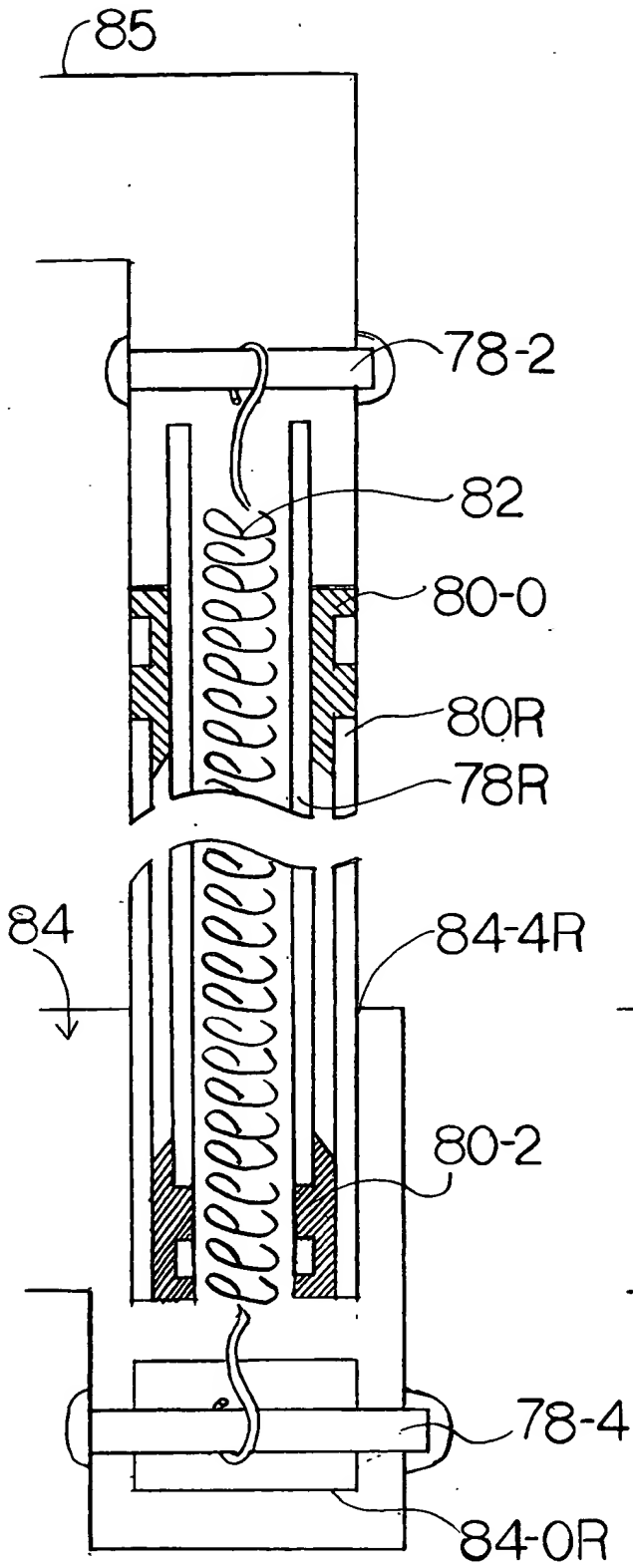


FIG. 9-A

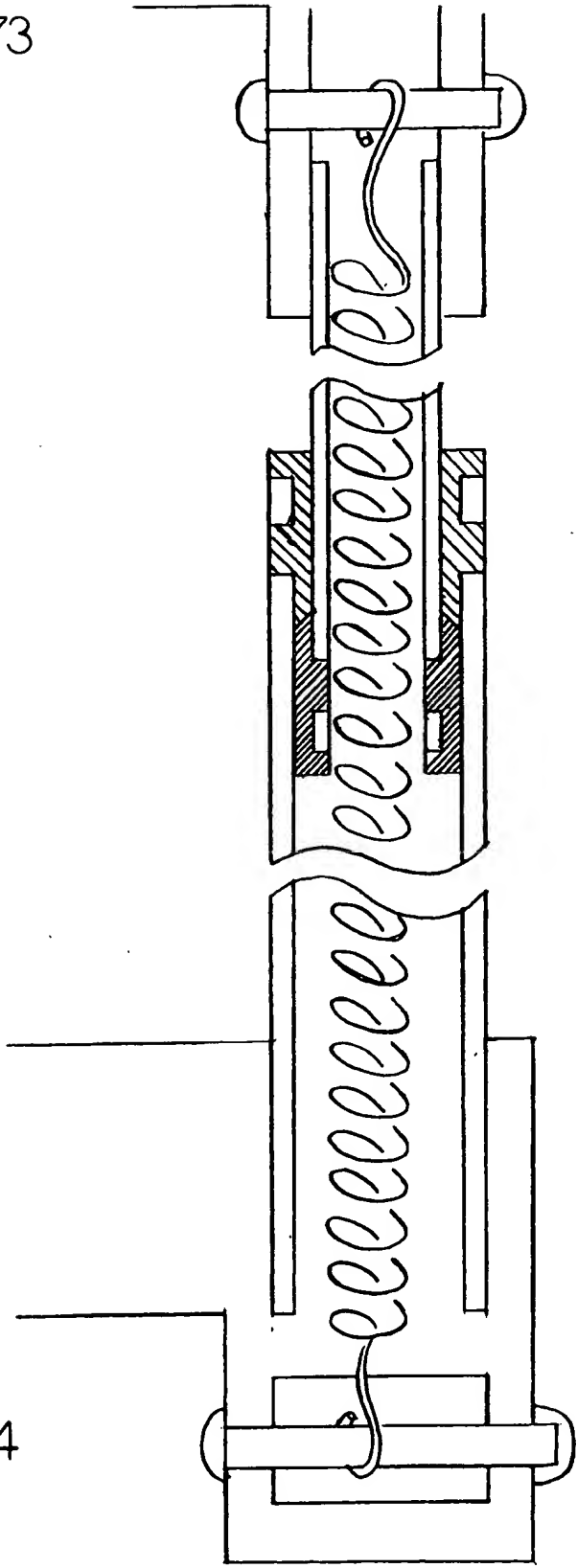


FIG. 9-B

+

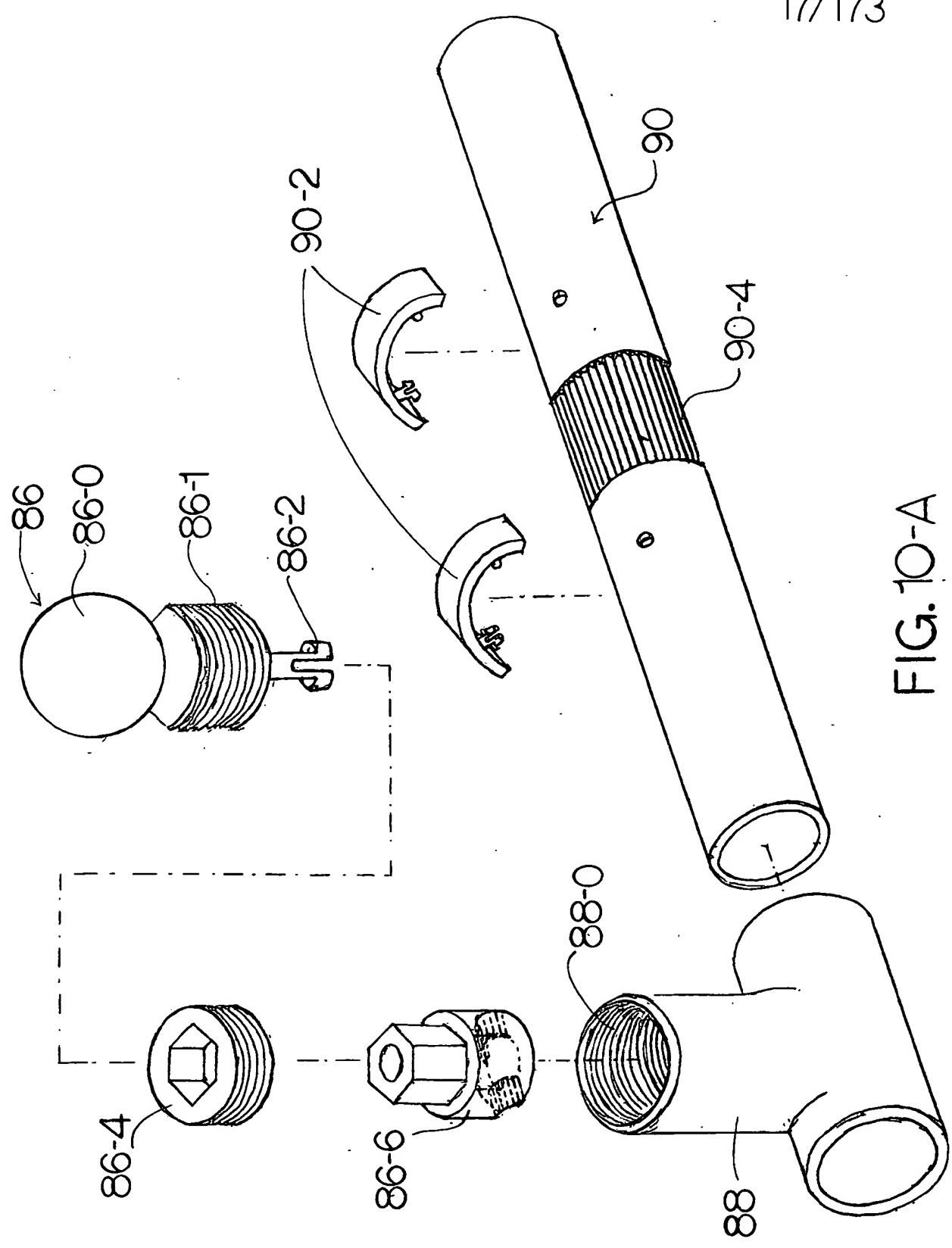
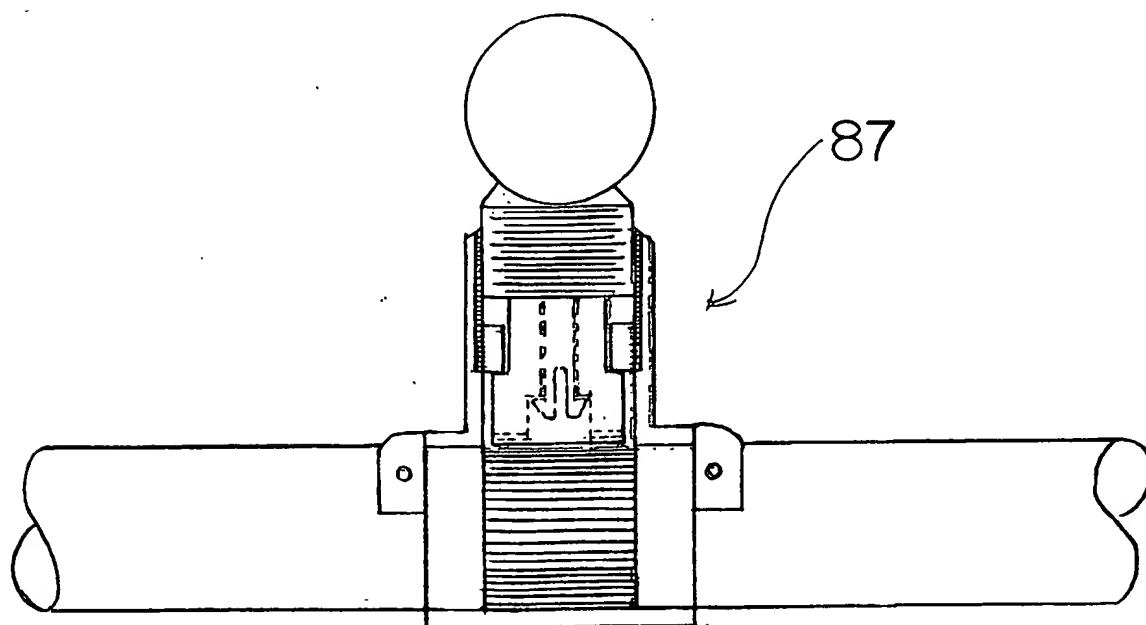
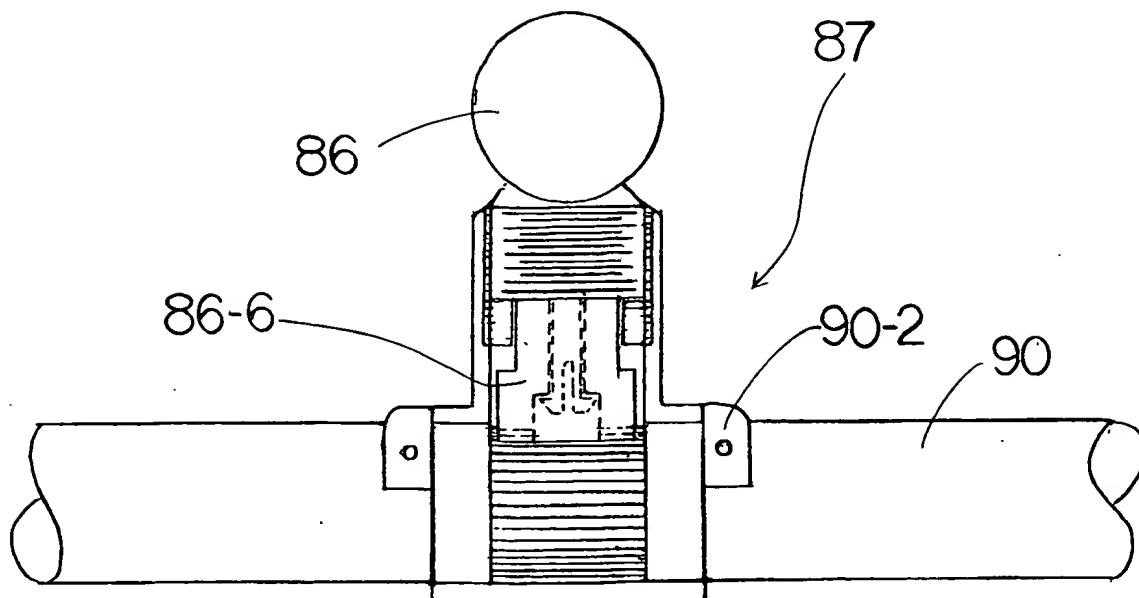


FIG. 10-A

+



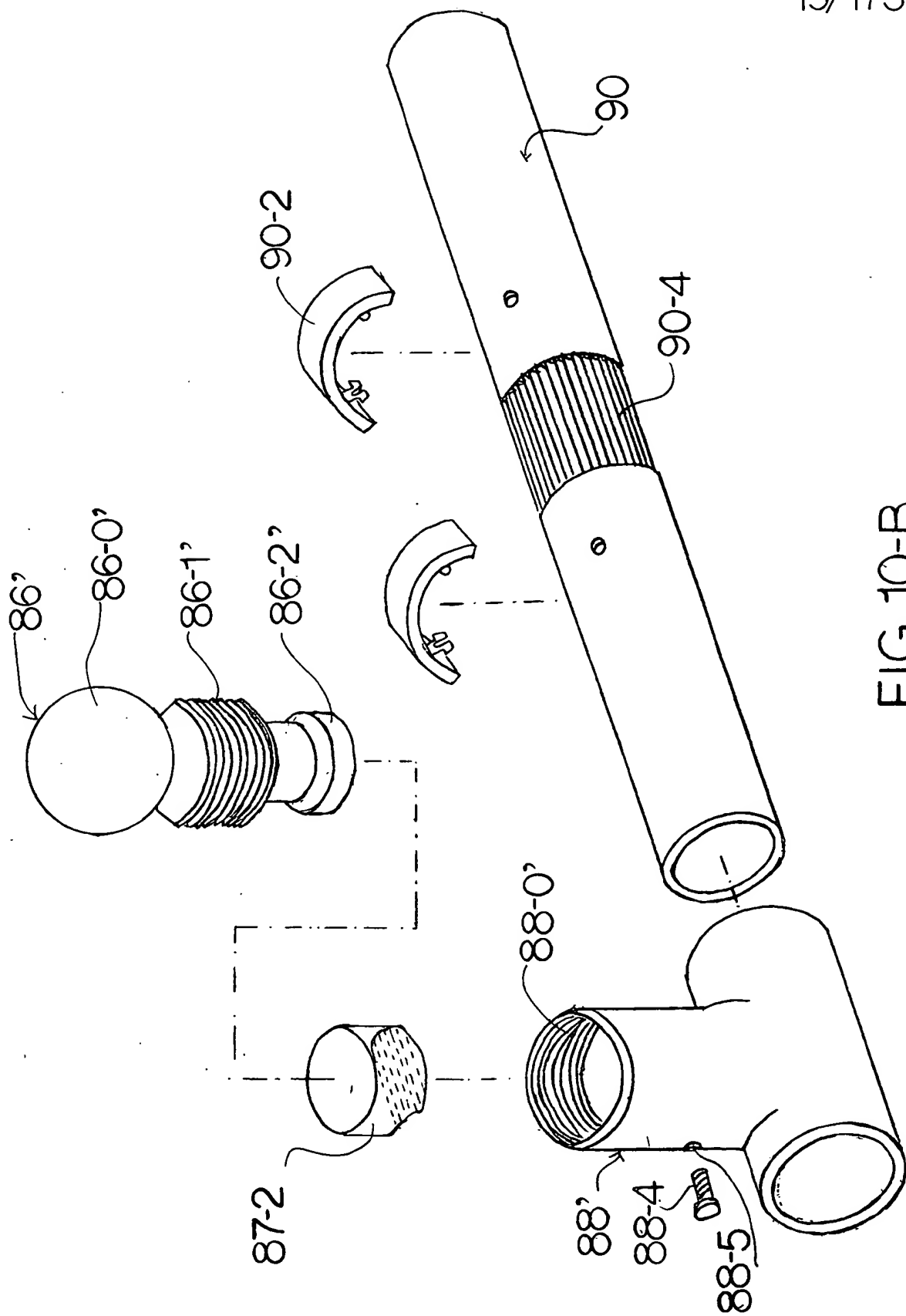
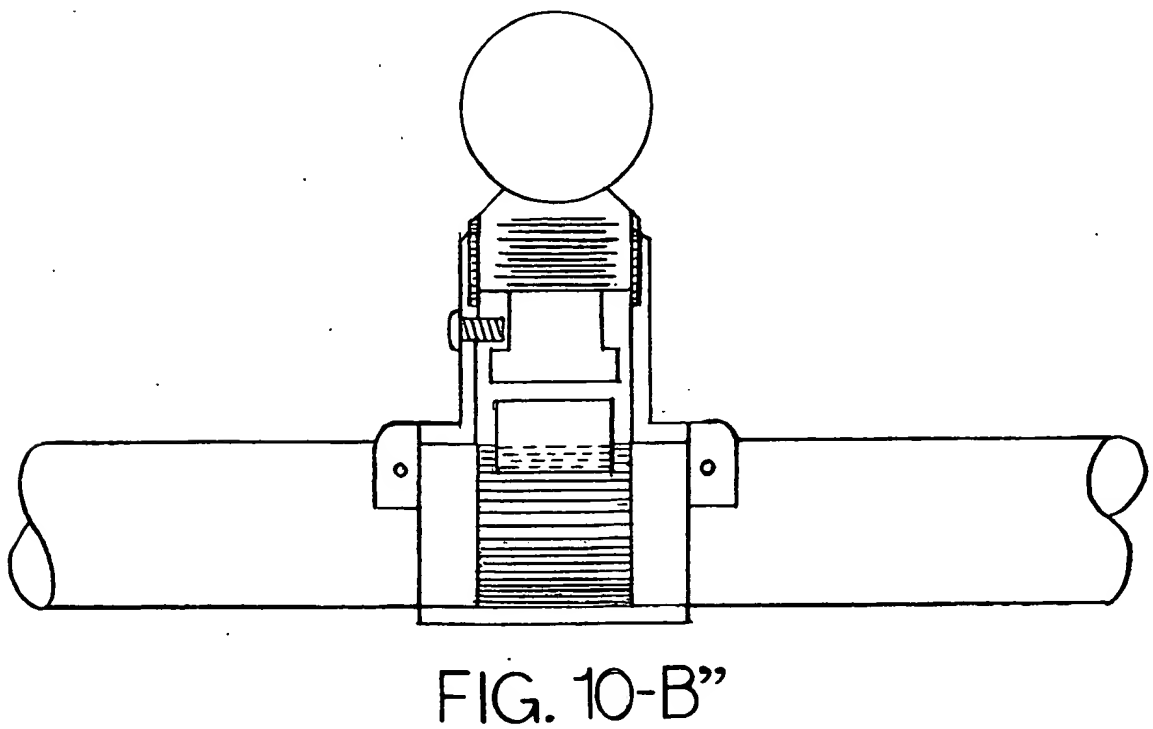
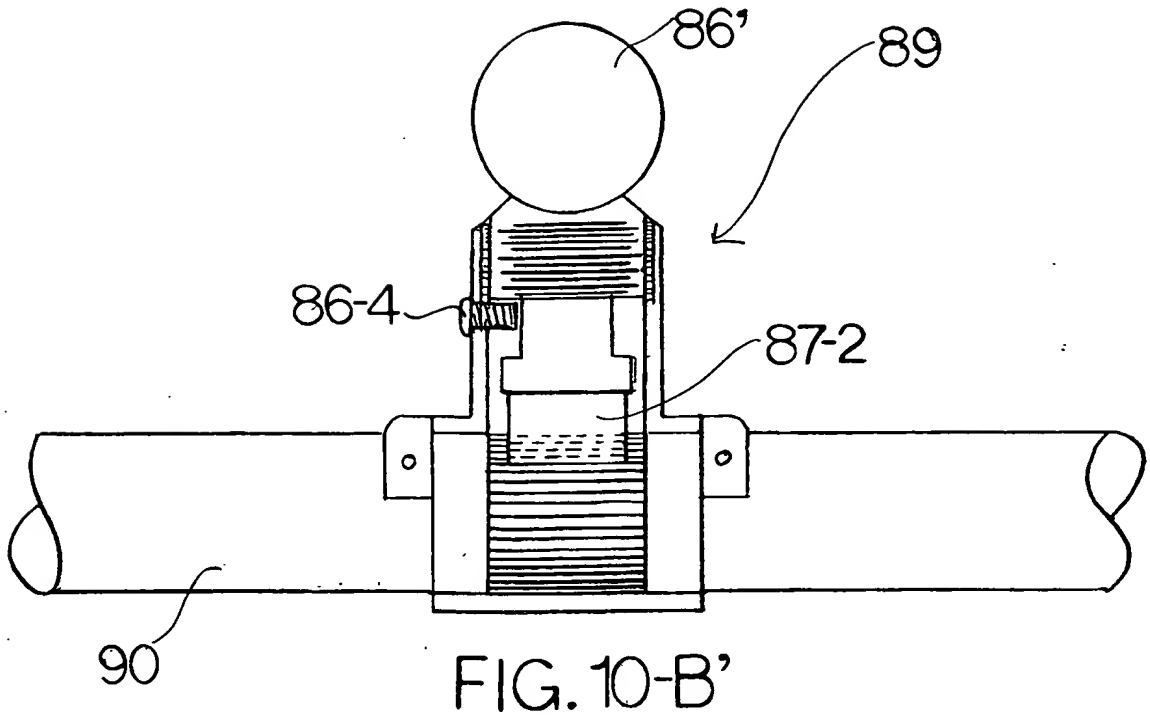


FIG. 10-B



+

22/173

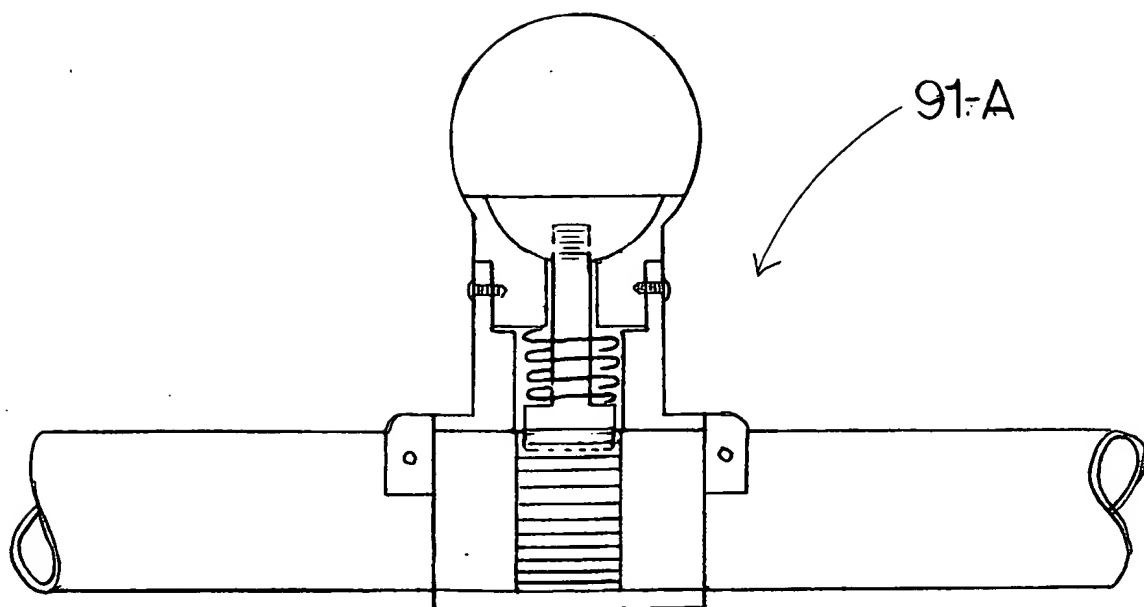
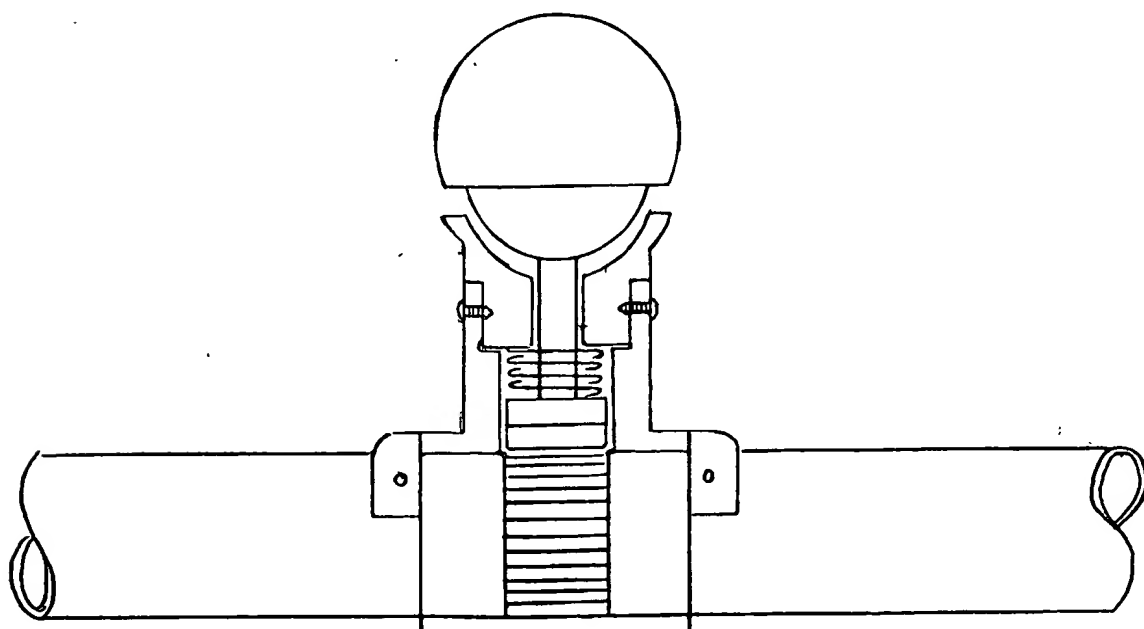


FIG. 11-A'



+

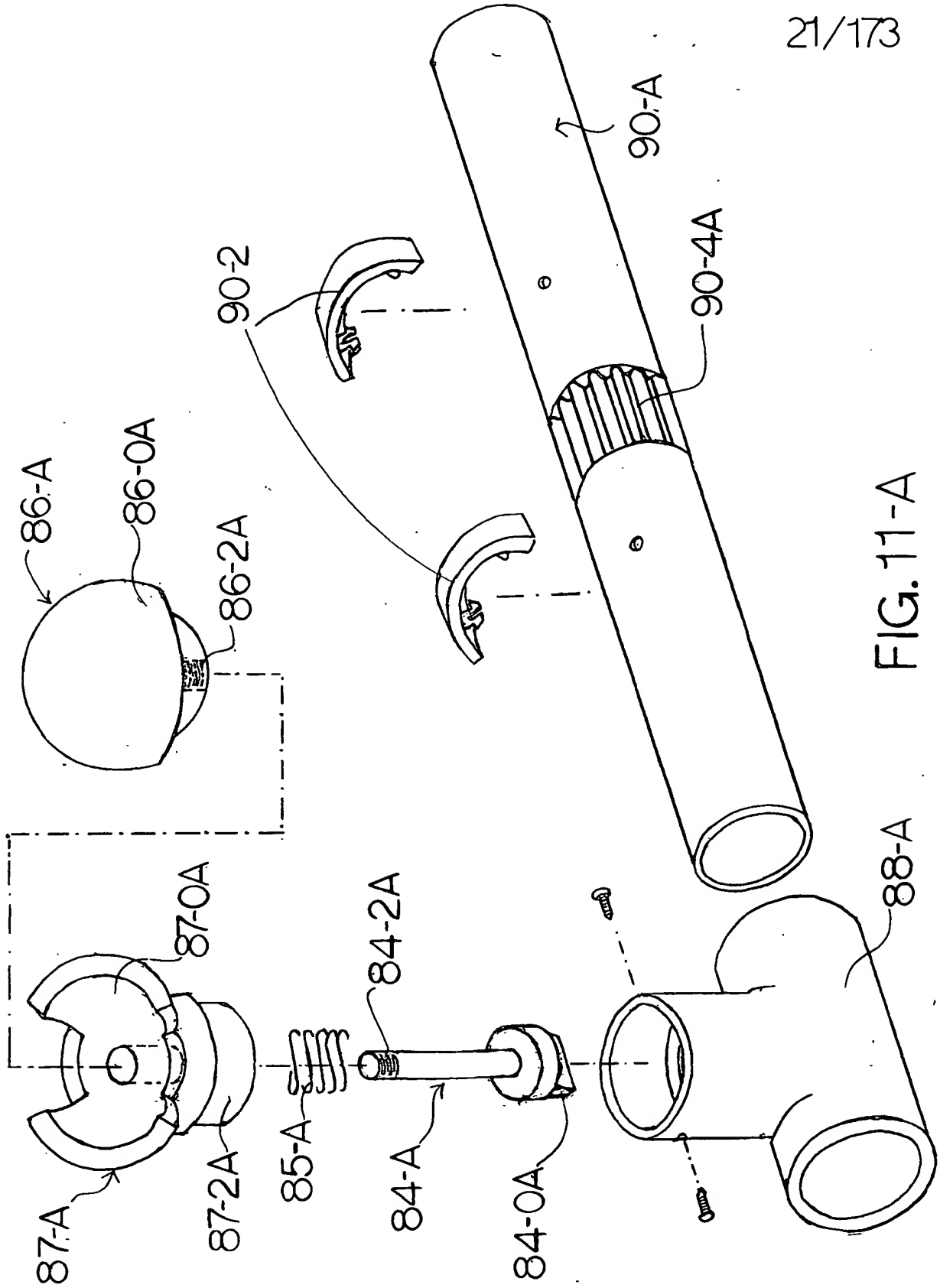
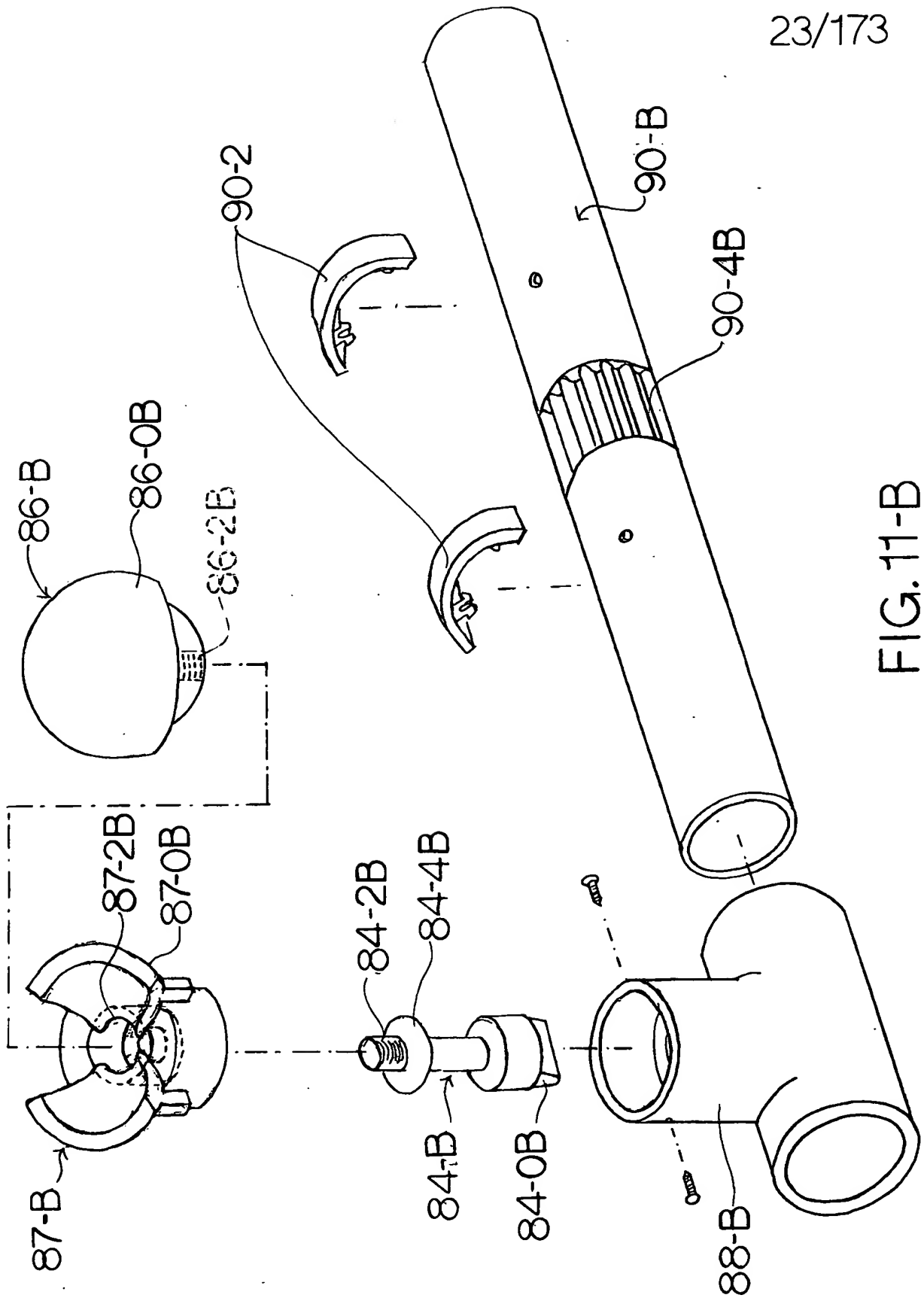


FIG. 11-A

+



+

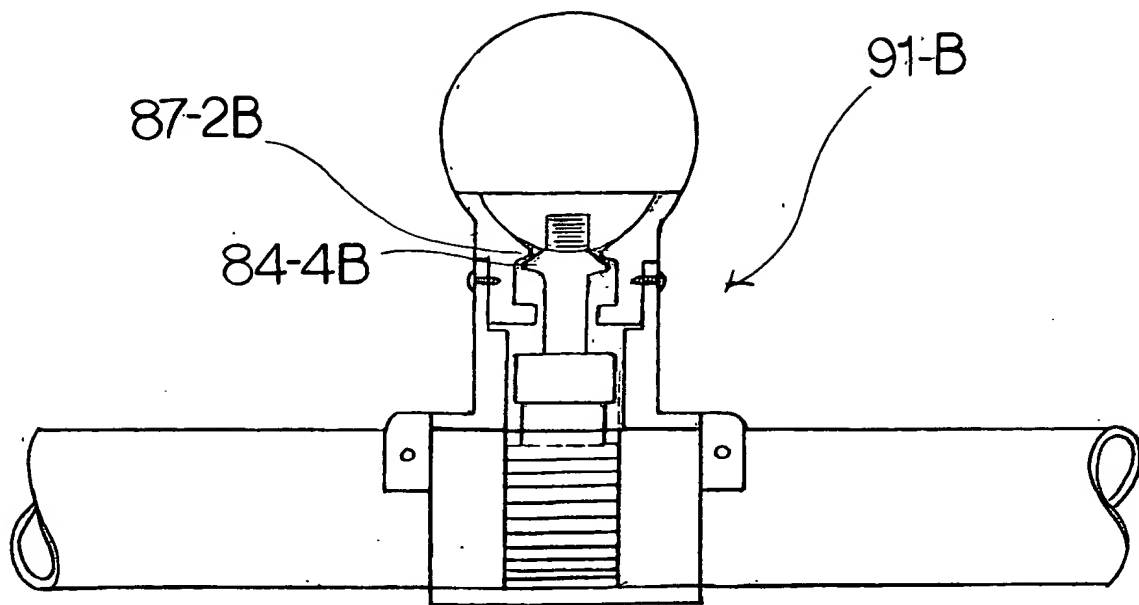


FIG. 11-B'

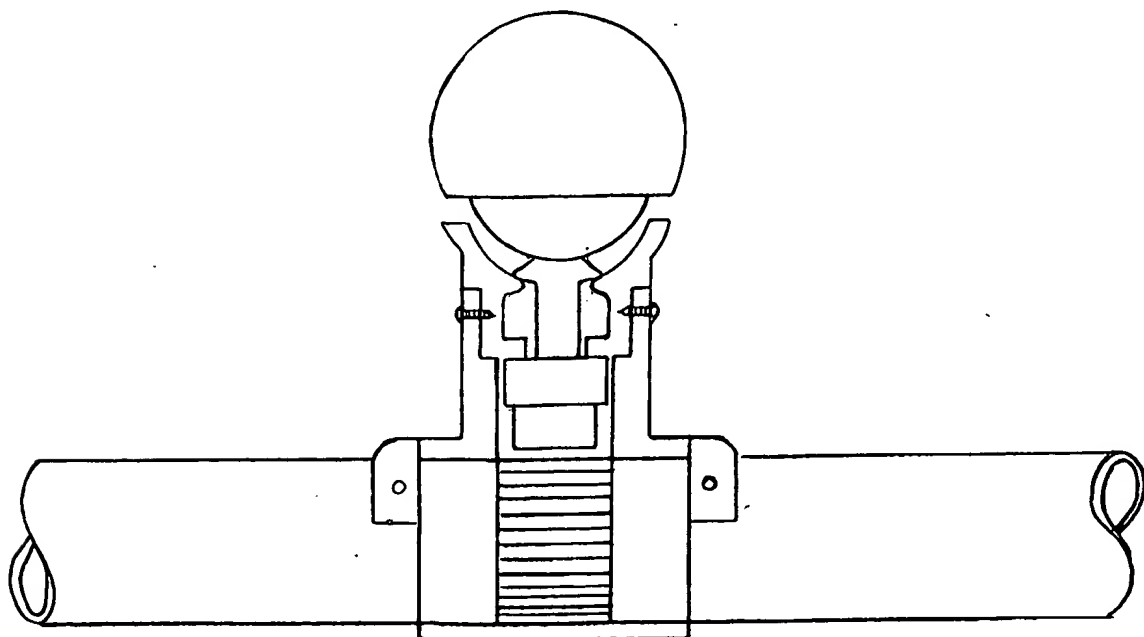


FIG. 11-B''

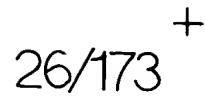
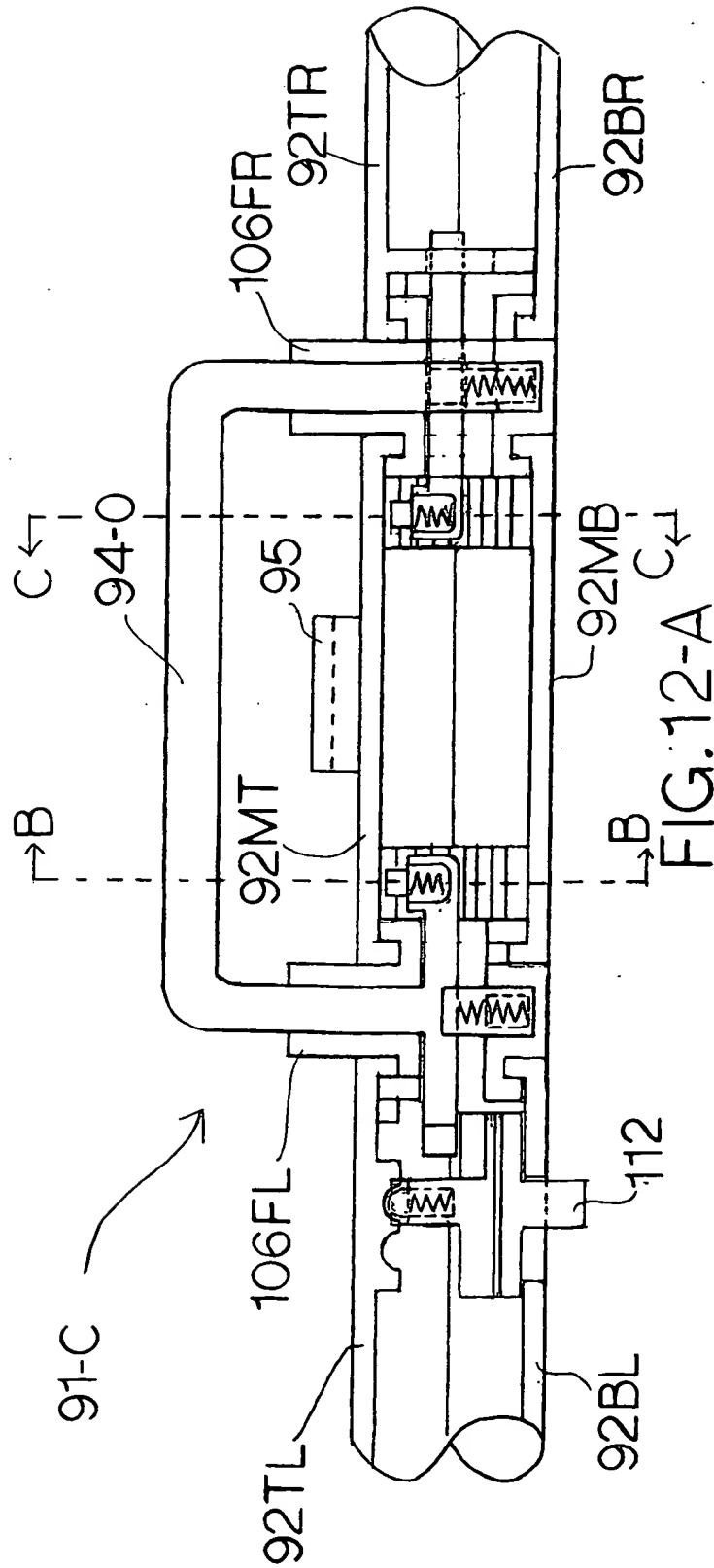
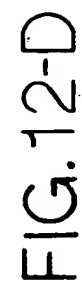


FIG. 12-B





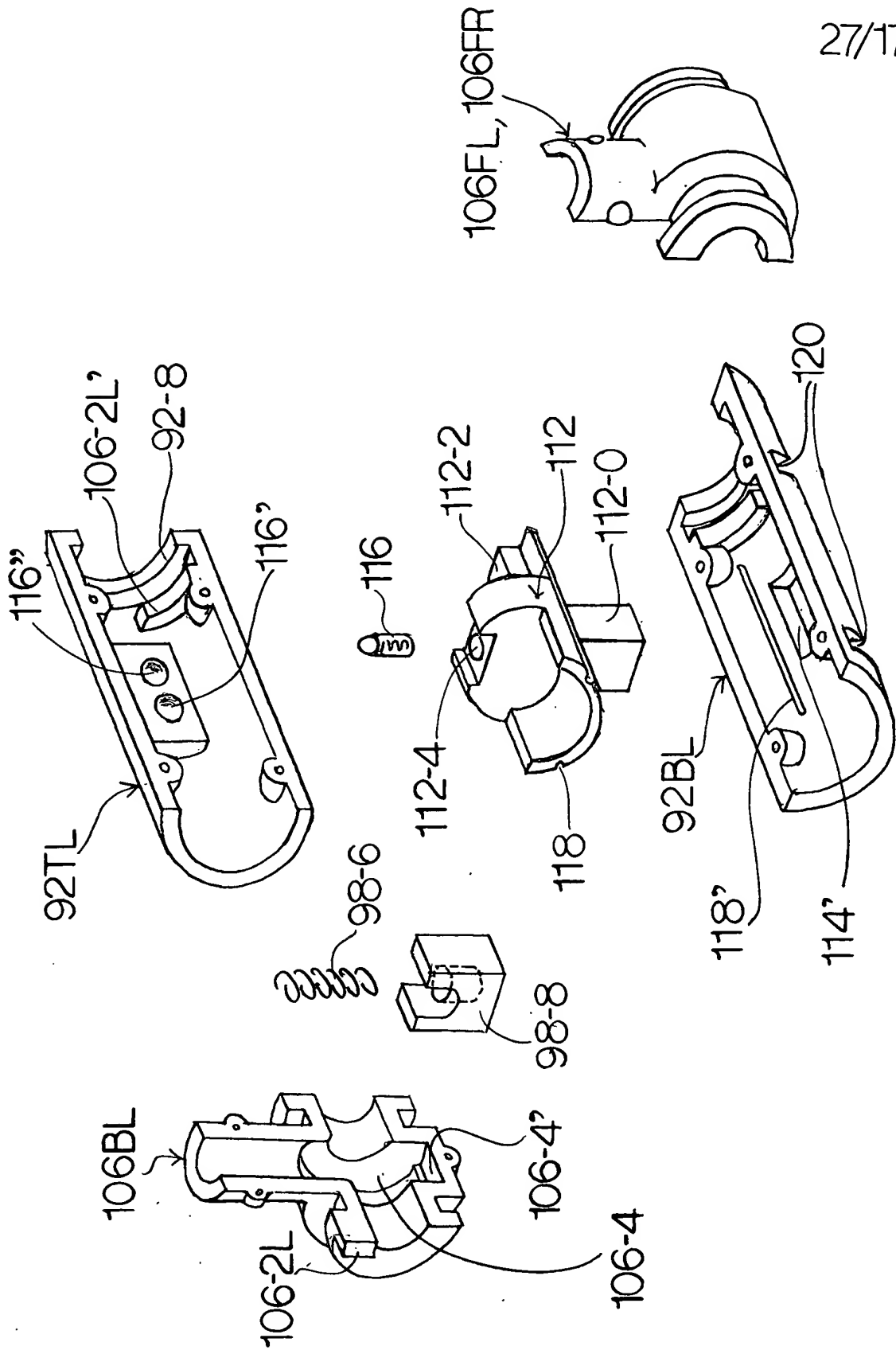


FIG.12-C

+

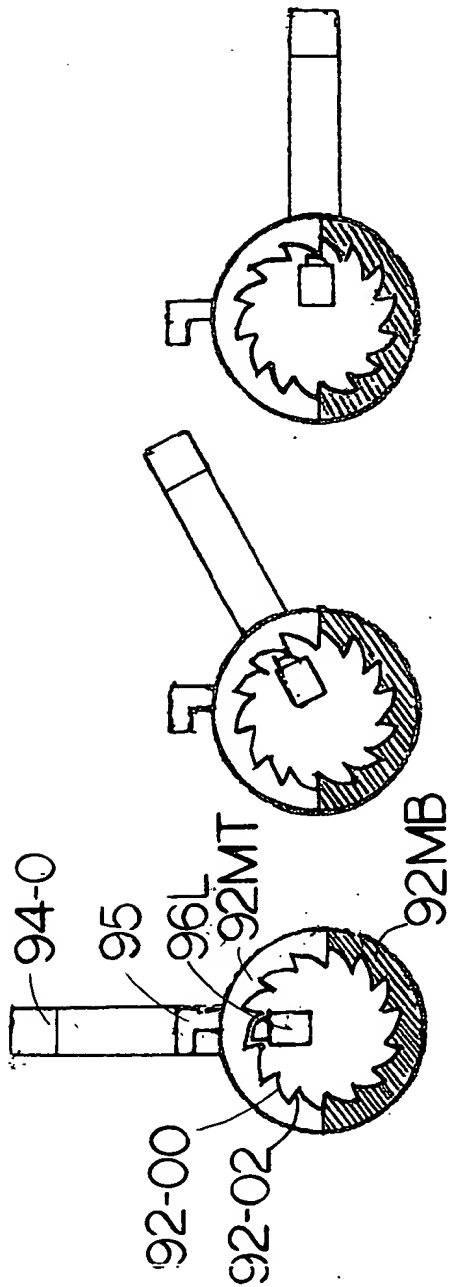


FIG. 12-E1L FIG. 12-E2L

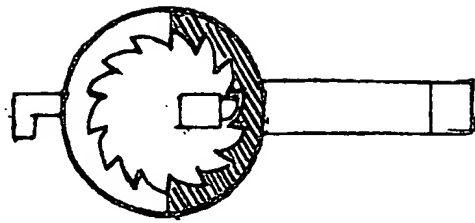


FIG. 12-E4L

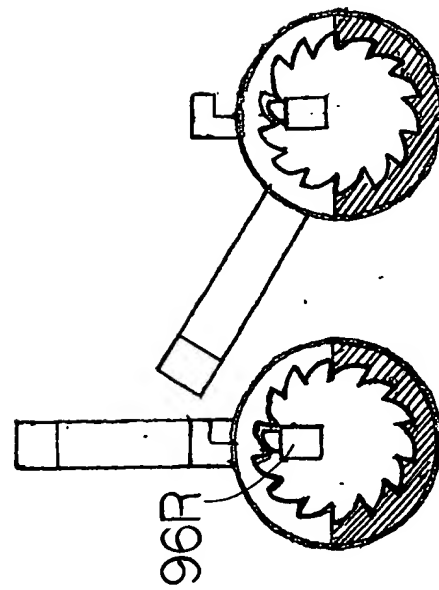


FIG. 12-E1R

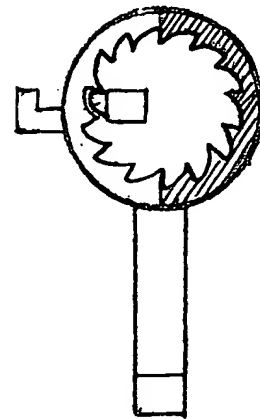


FIG. 12-E3R

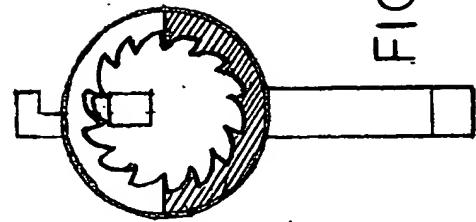


FIG. 12-E4R

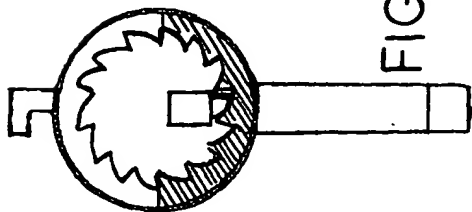


FIG. 12-E1L',
12-E4L

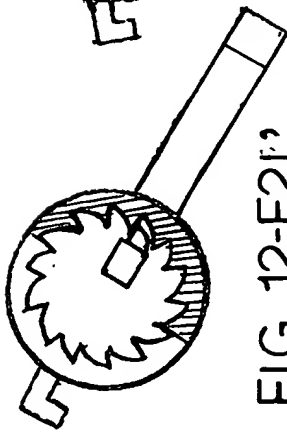


FIG. 12-E2L'



FIG. 12-E3L'

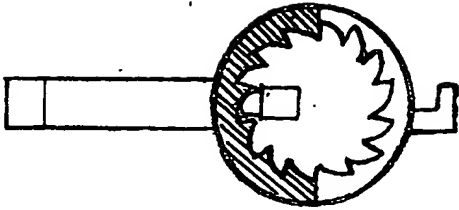


FIG. 12-E4L'

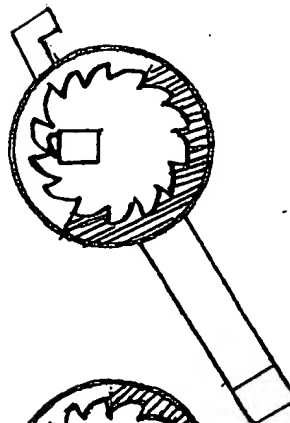
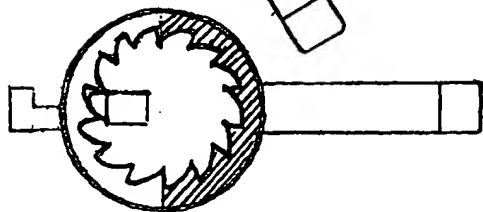


FIG. 12-E2R'



FIG. 12-E3R'

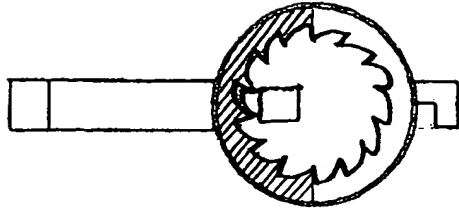


FIG. 12-E4R'

FIG. 12-E1R', 12-E4R

+

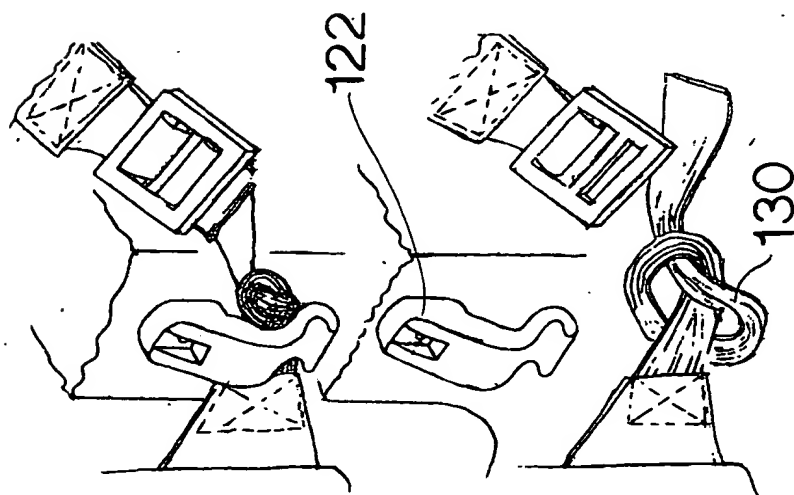


FIG. 13-B1

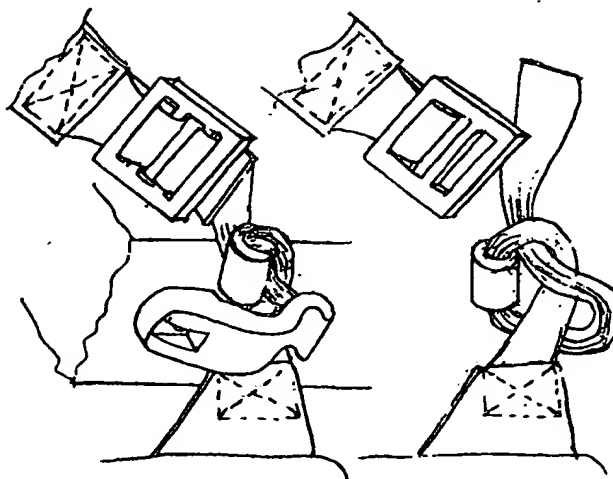


FIG. 13-B2

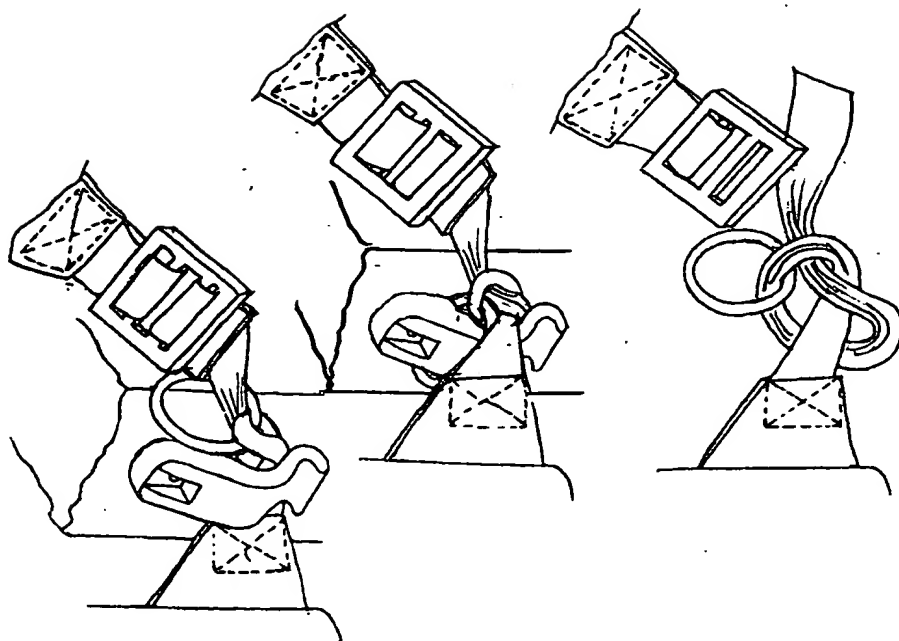


FIG. 13-B3

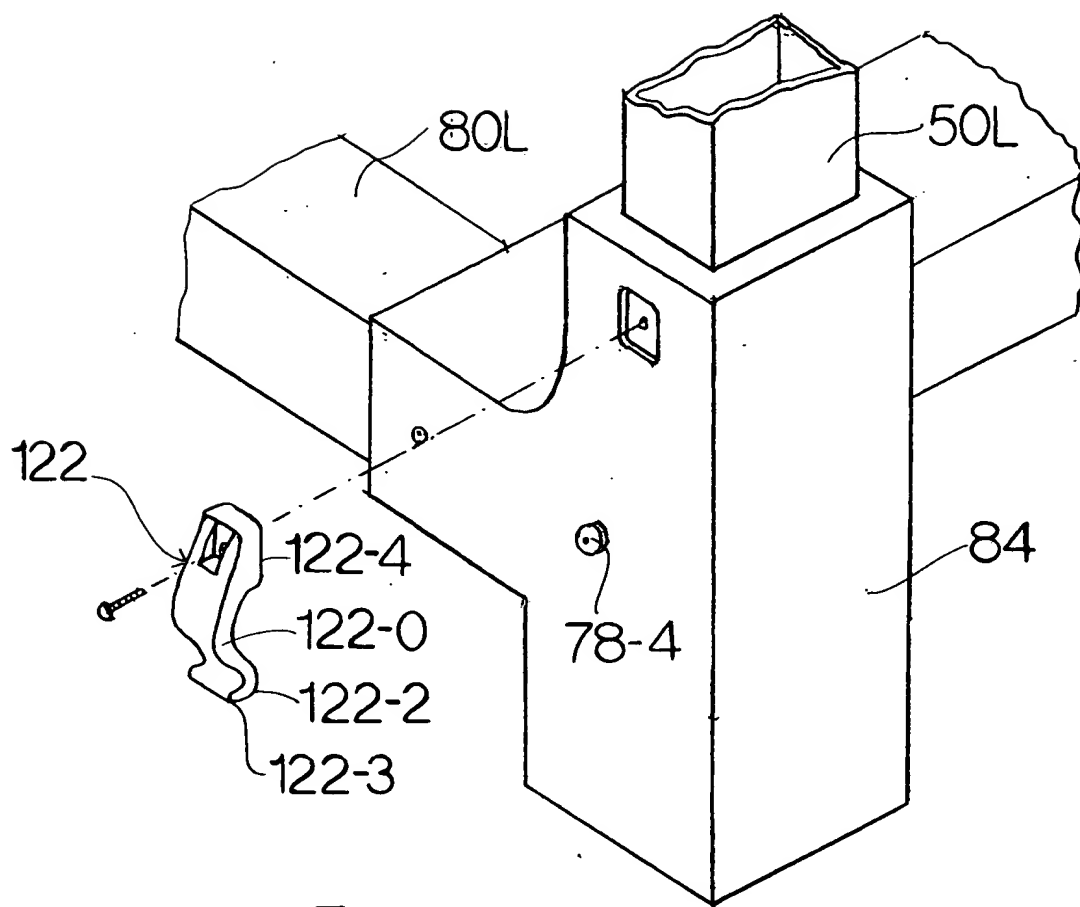


FIG. 13-A

87, 89, 91-A, 91-B, 91-C

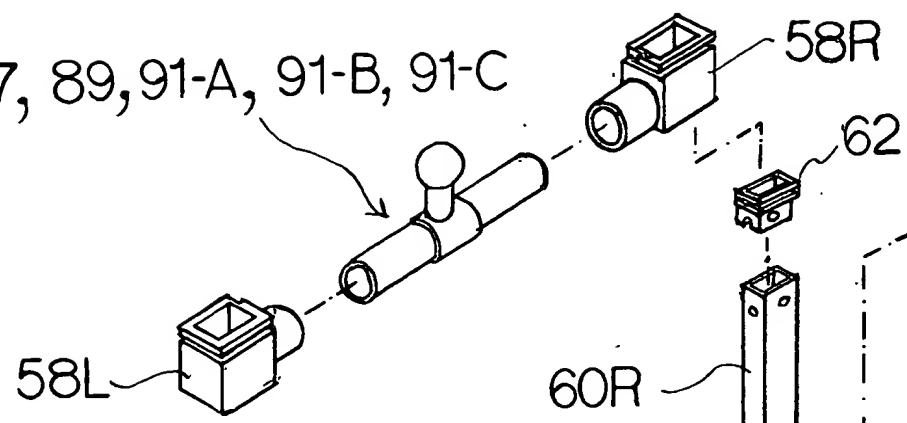


FIG. 14-A

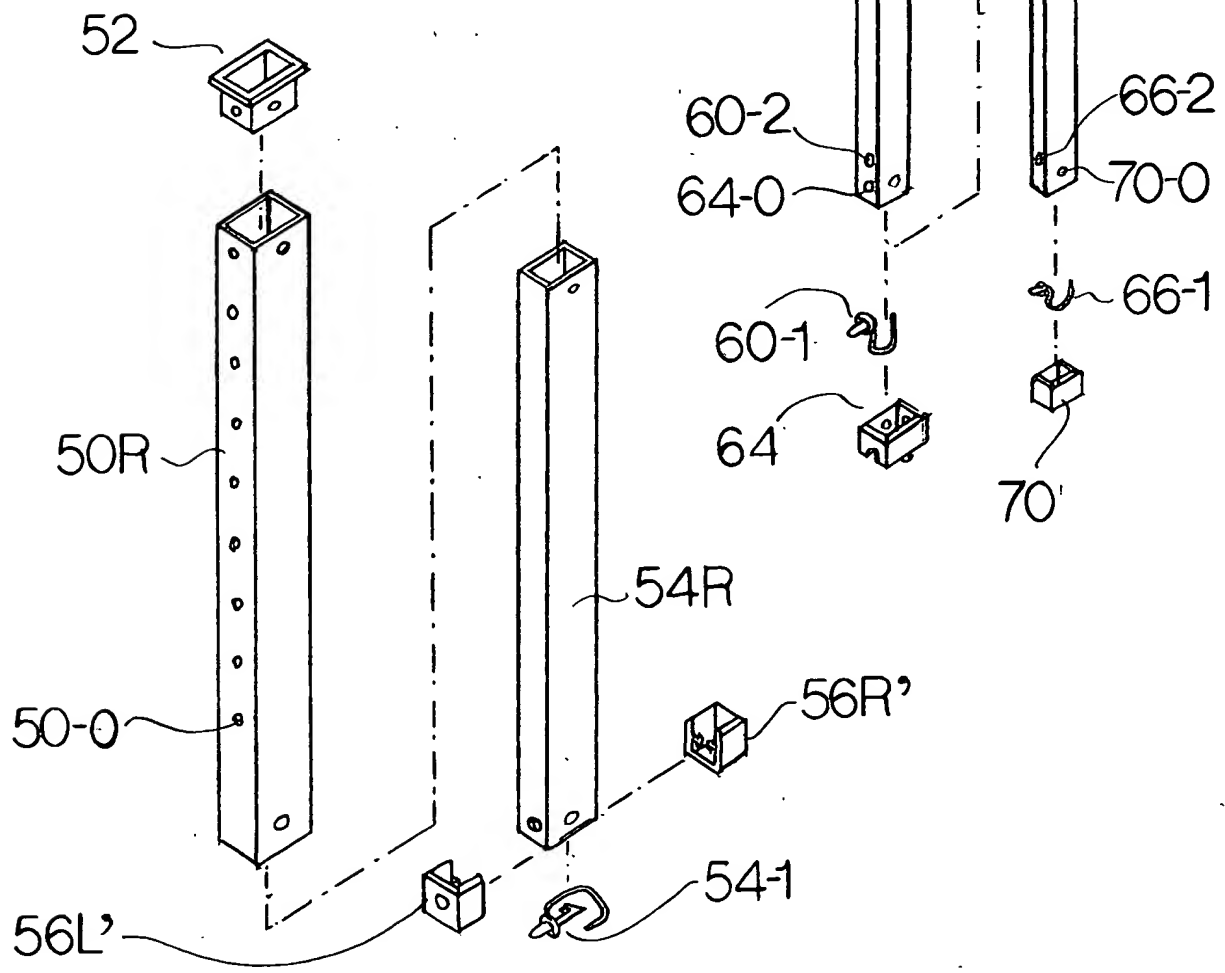


FIG. 14-B

34/173

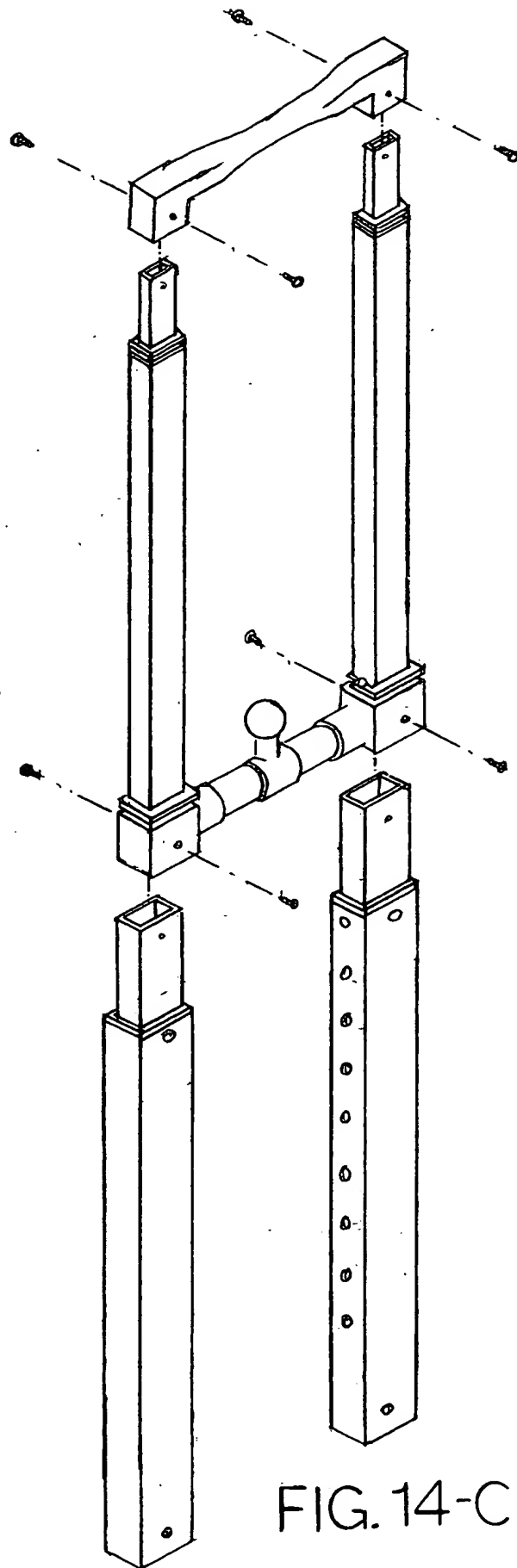


FIG. 14-C

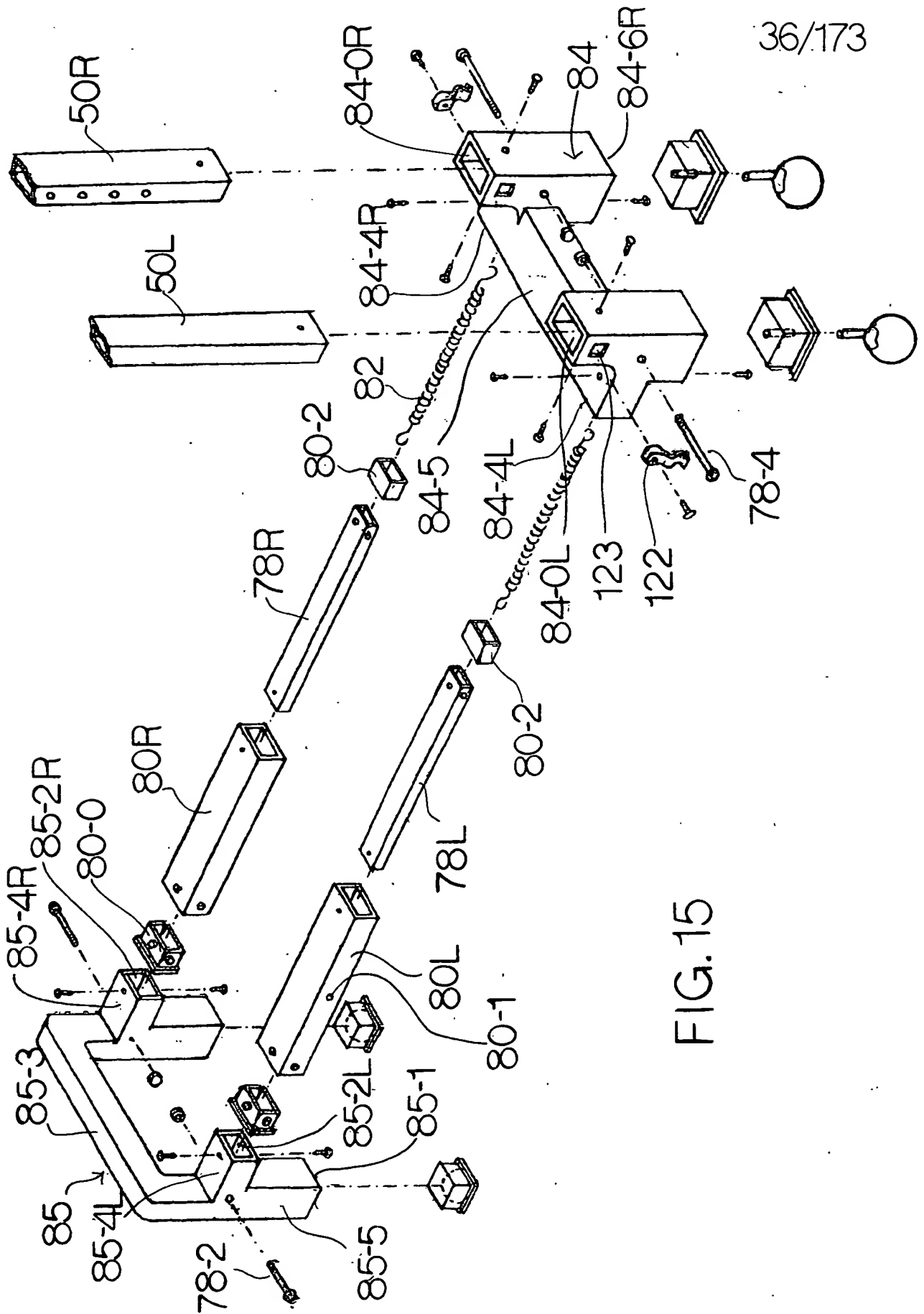


FIG. 15

+

35/173

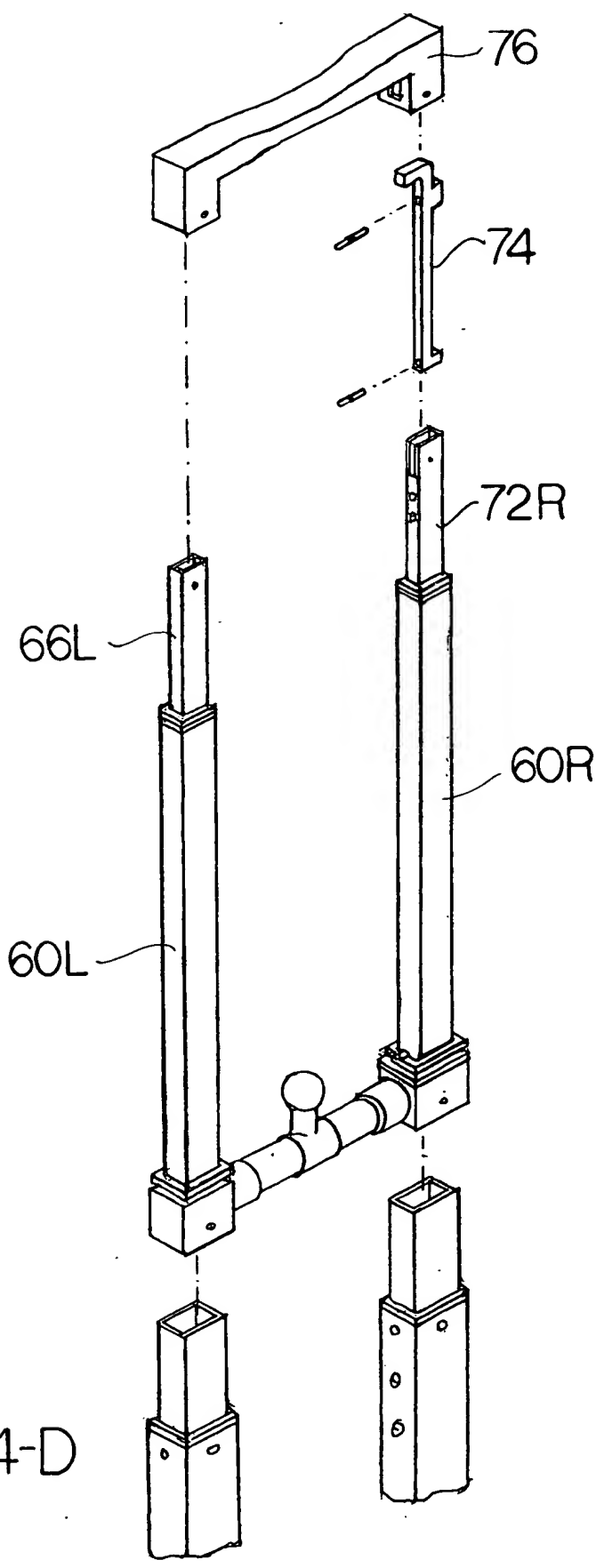
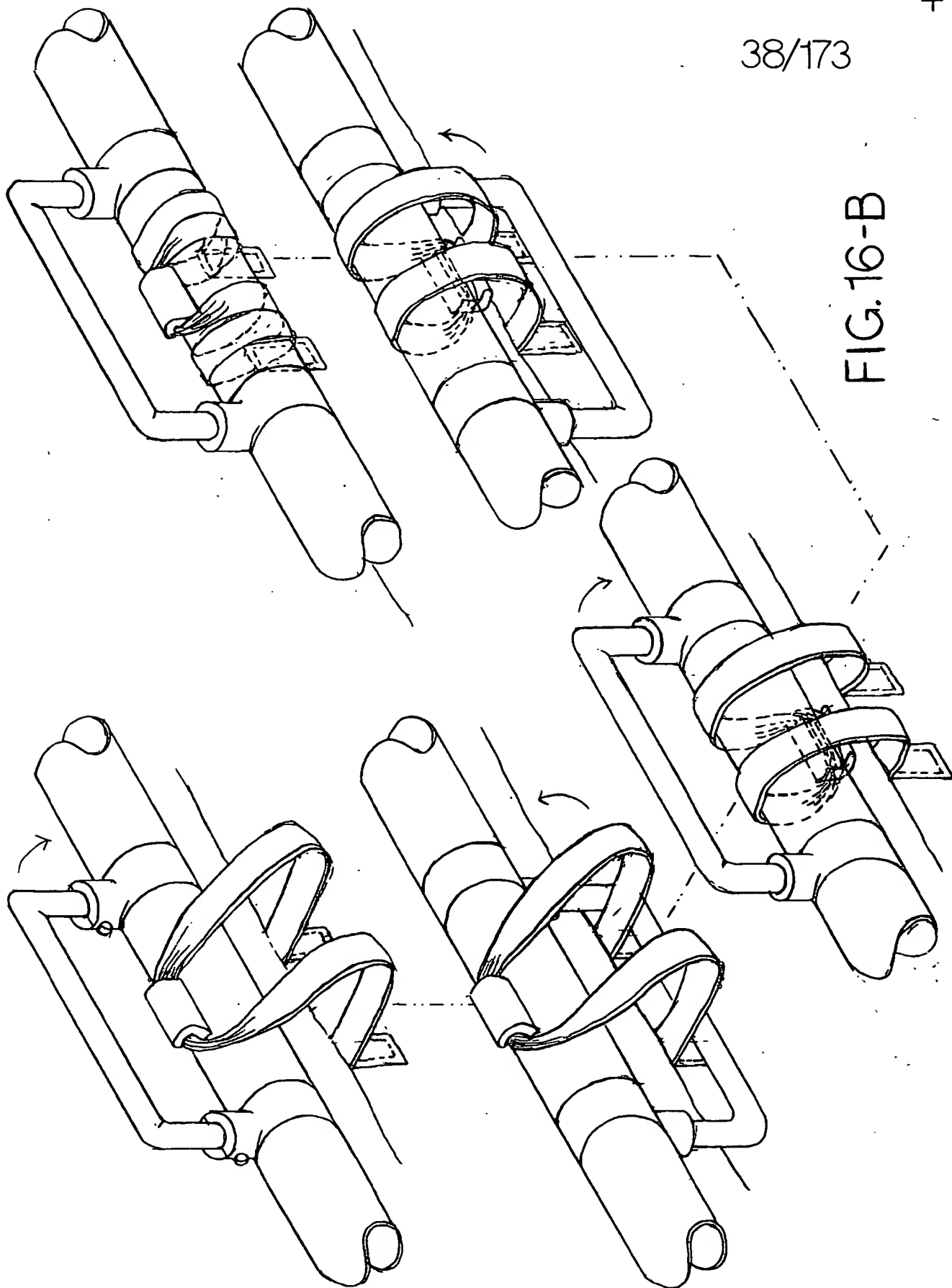


FIG.14-D

FIG. 14-D

+



38/173

FIG. 16-B

+

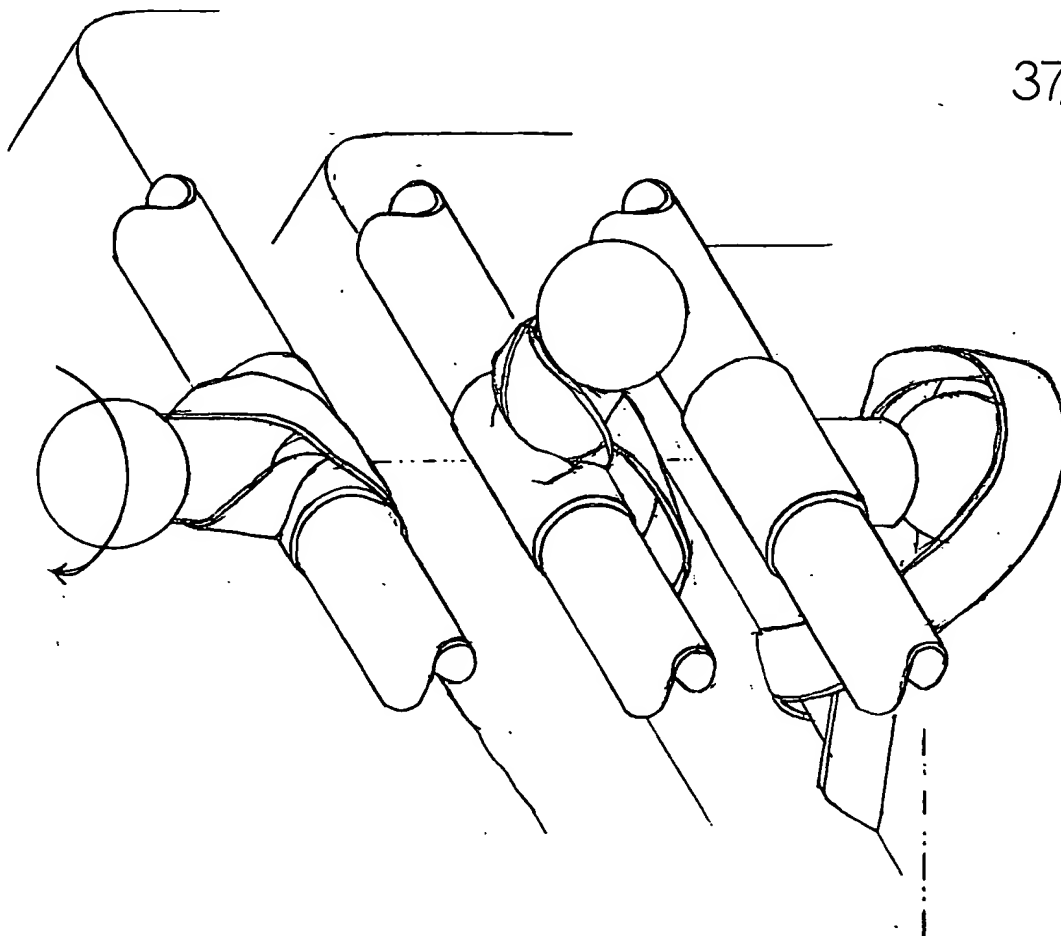
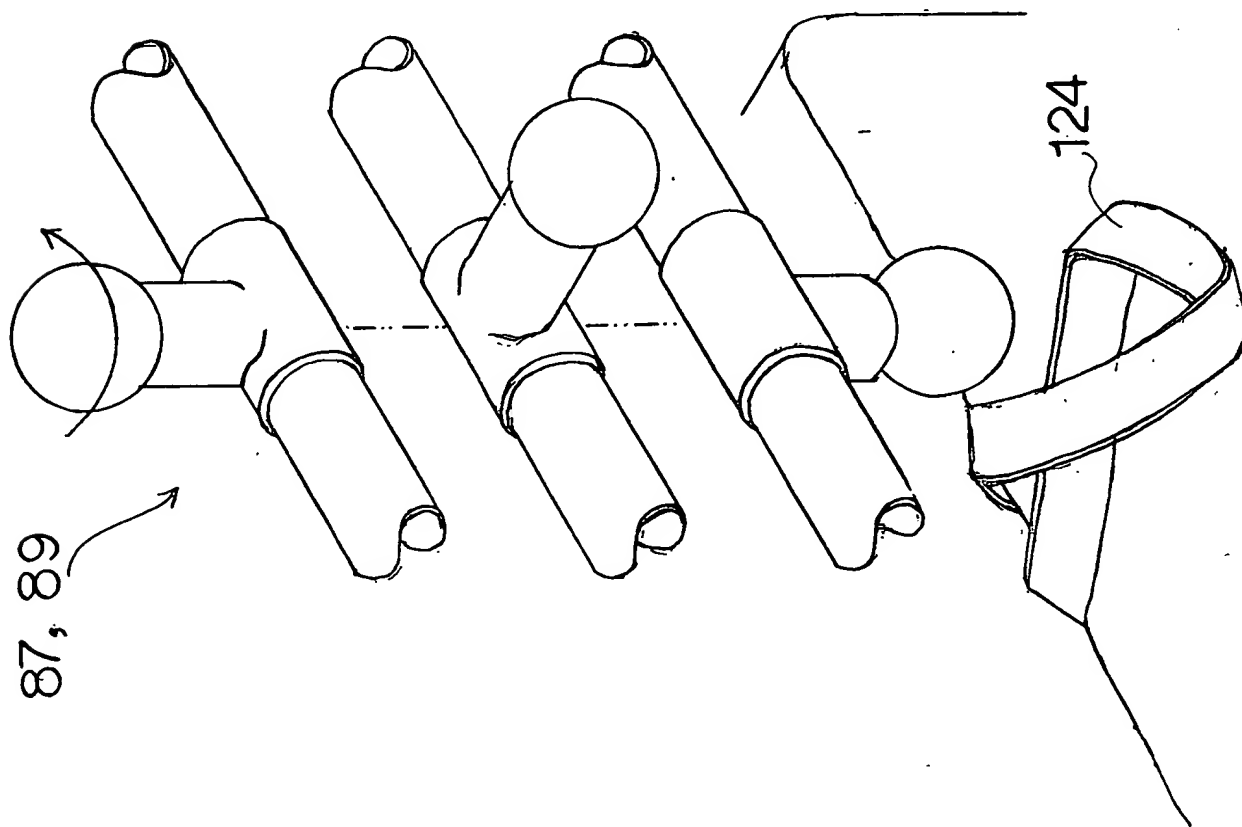
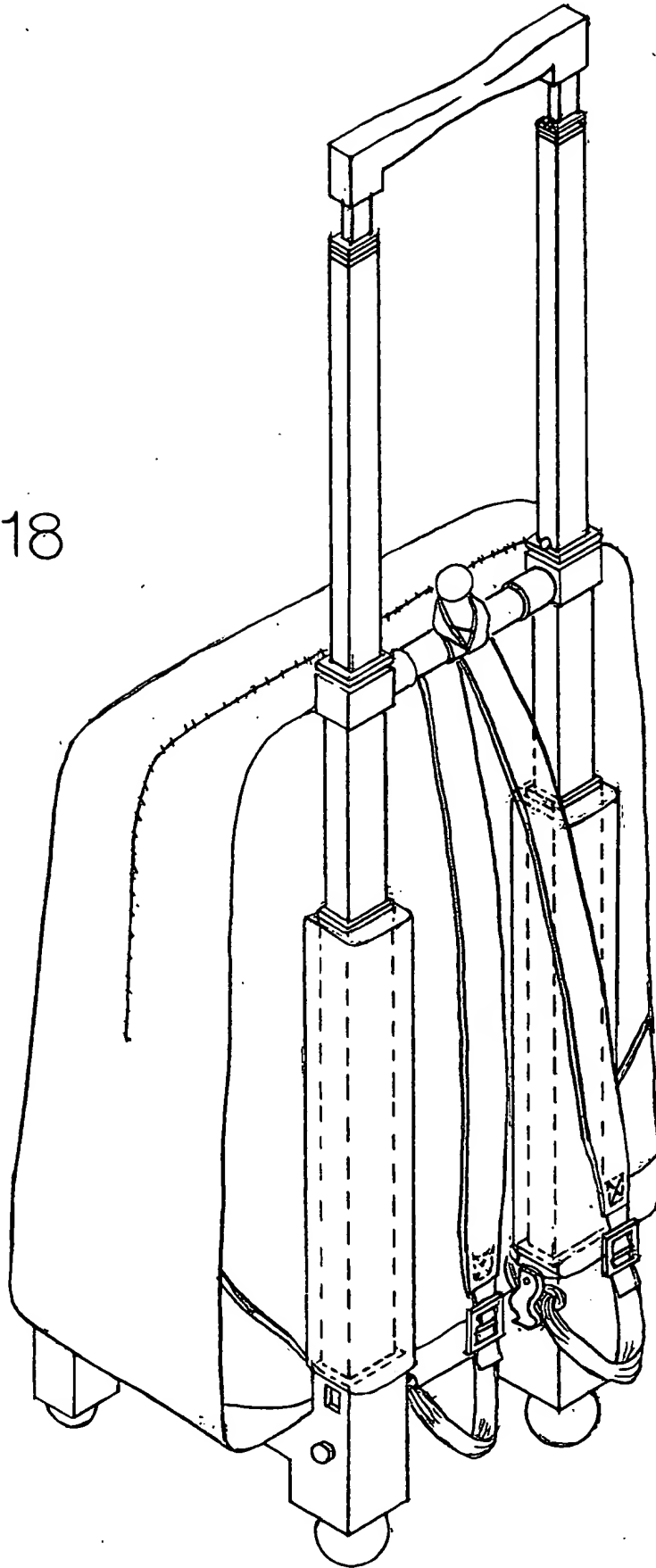


FIG. 16-A

+

40/173

FIG. 18



39/173

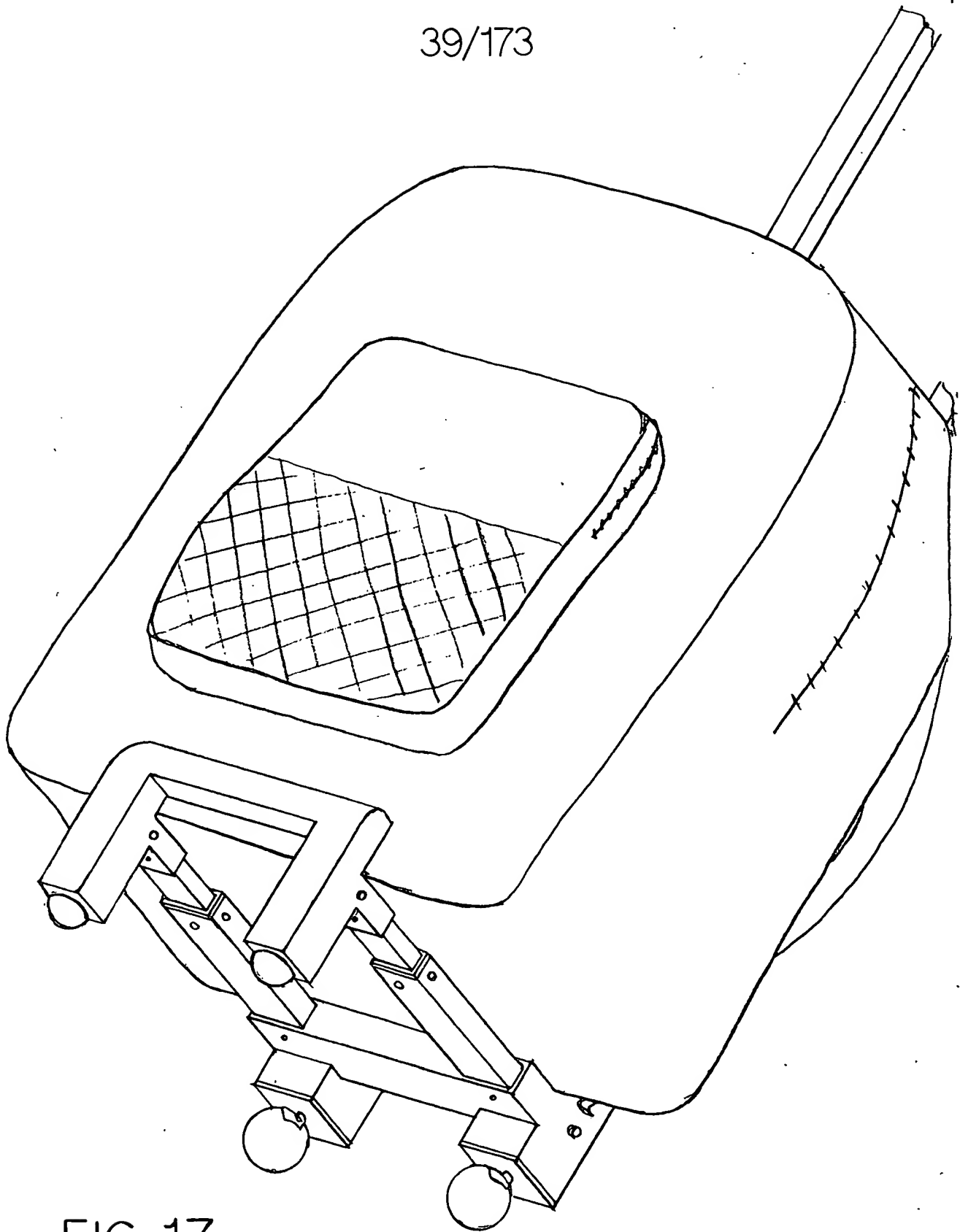
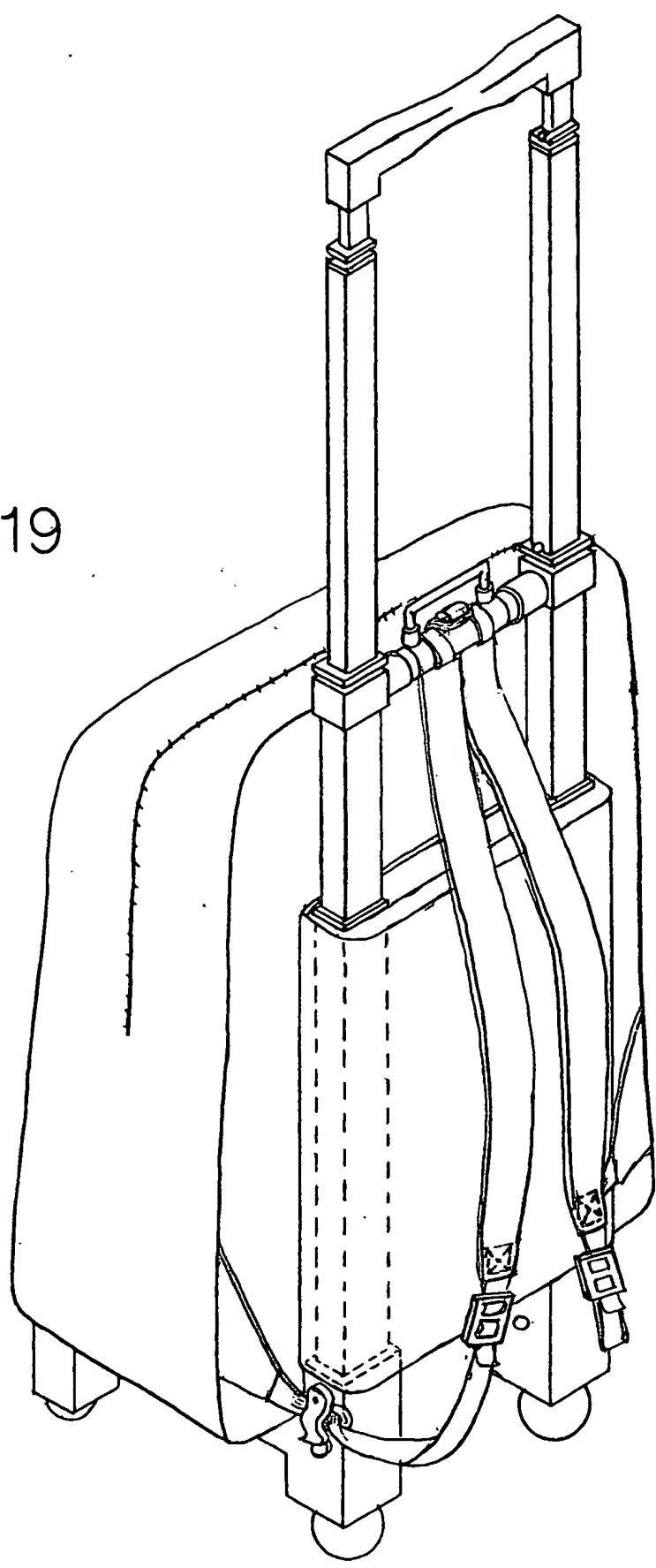


FIG. 17

+

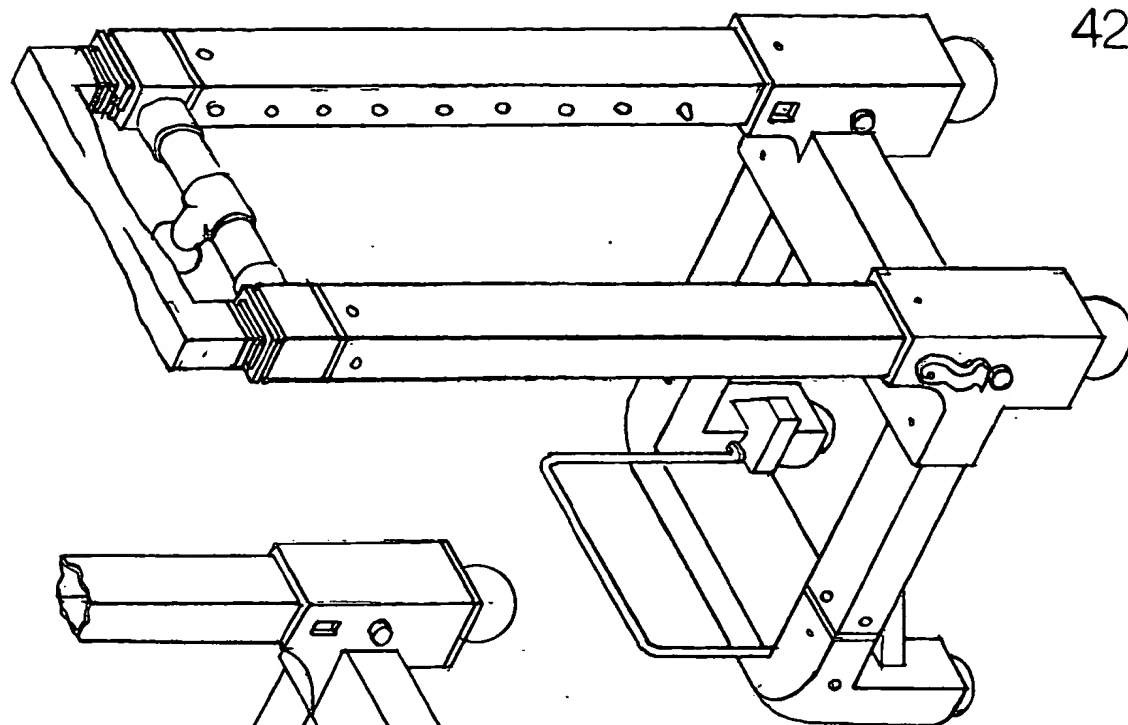
41/173

FIG. 19



+

FIG. 19



42/173

FIG. 20-A

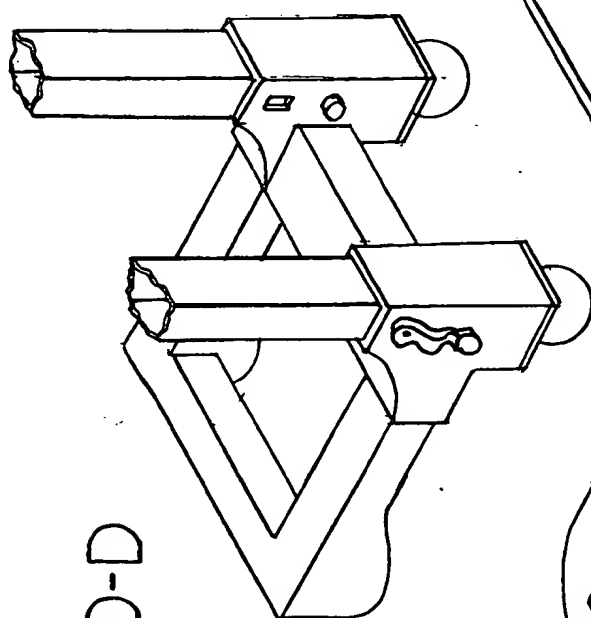


FIG. 20-D

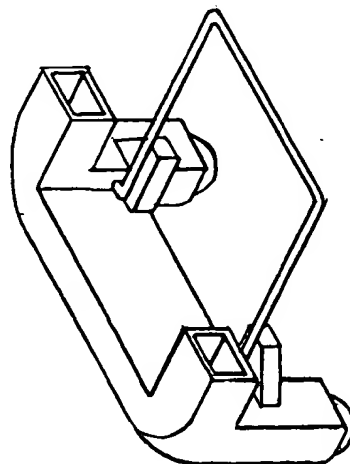
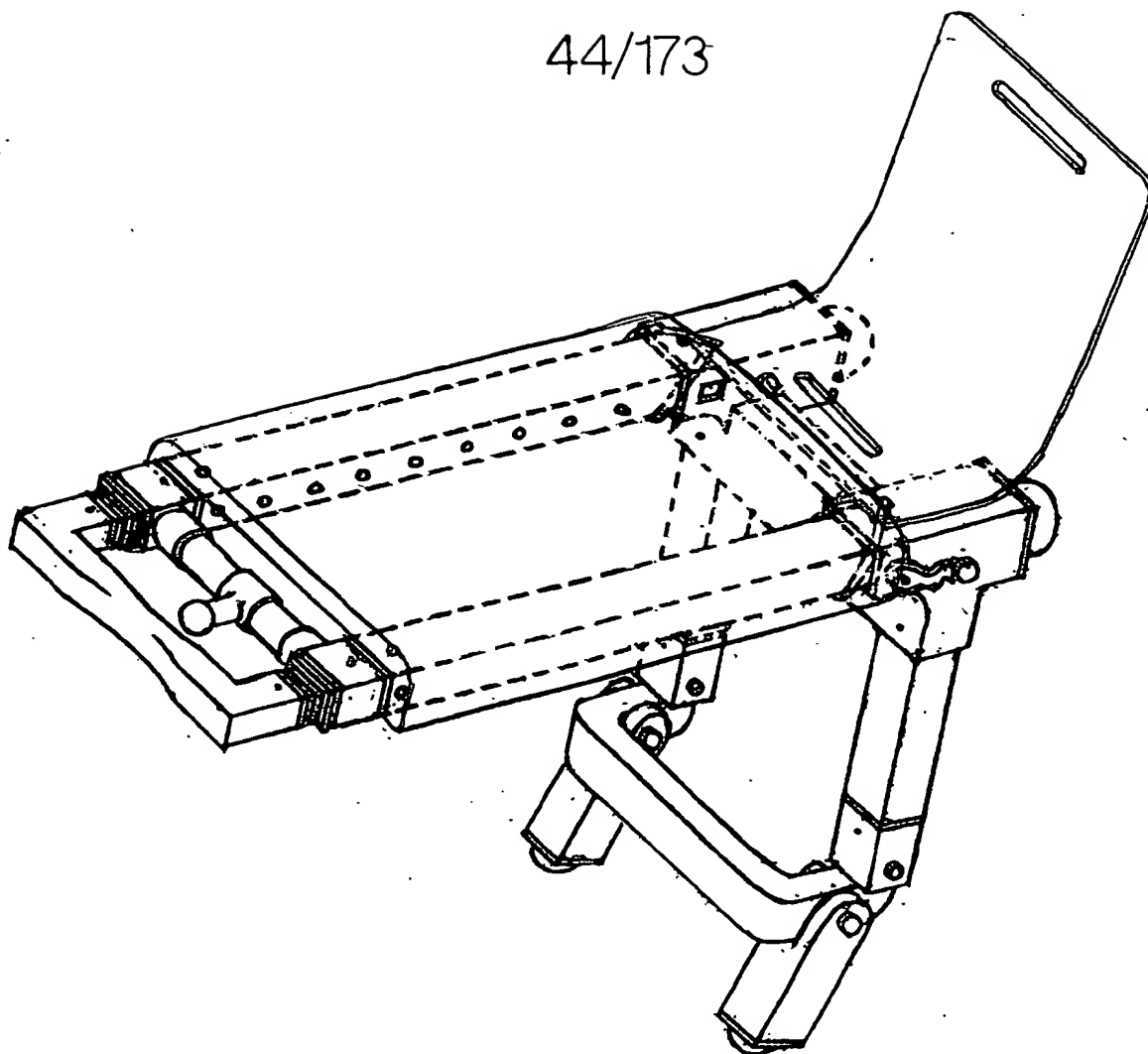


FIG. 20-B

FIG. 20-C



44/173

FIG. 21-B

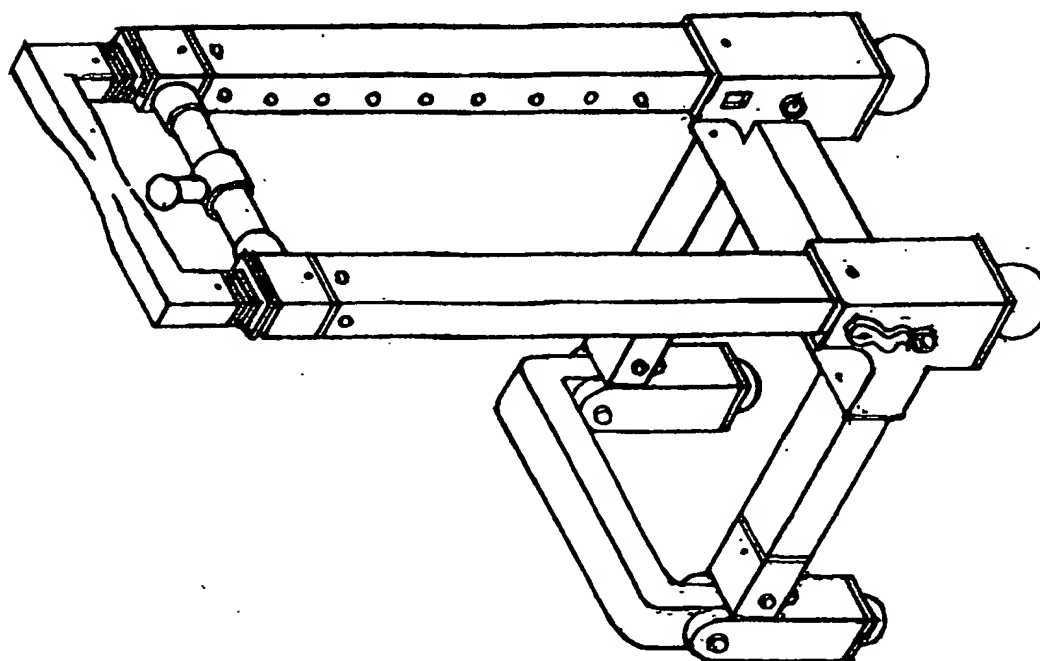


FIG. 21-A

43/173

+

FIG. 20-C'

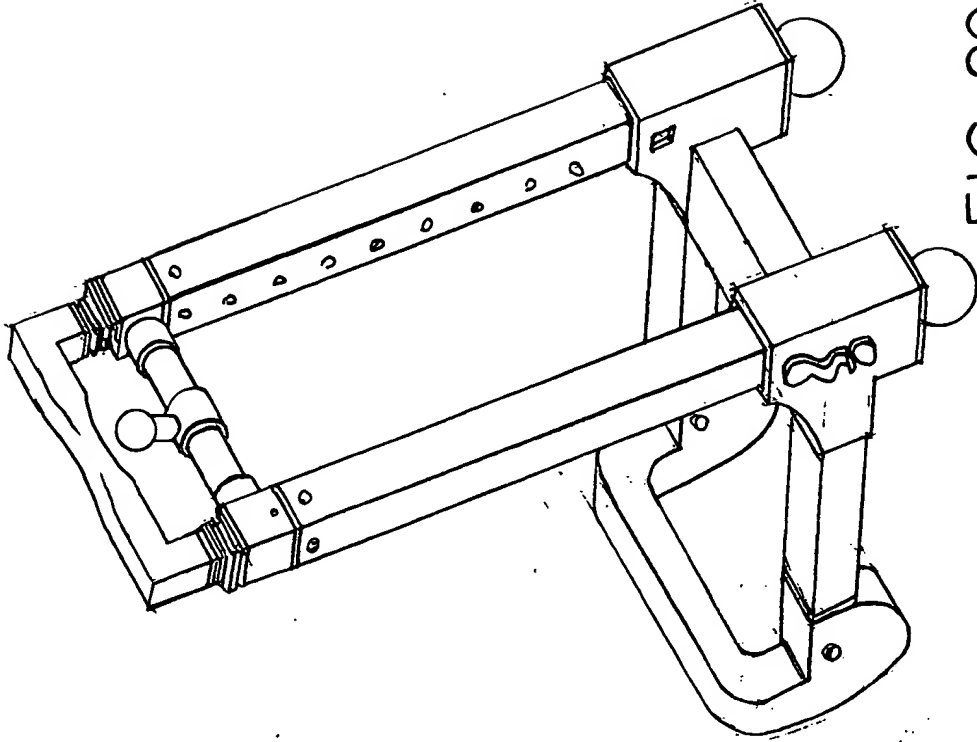
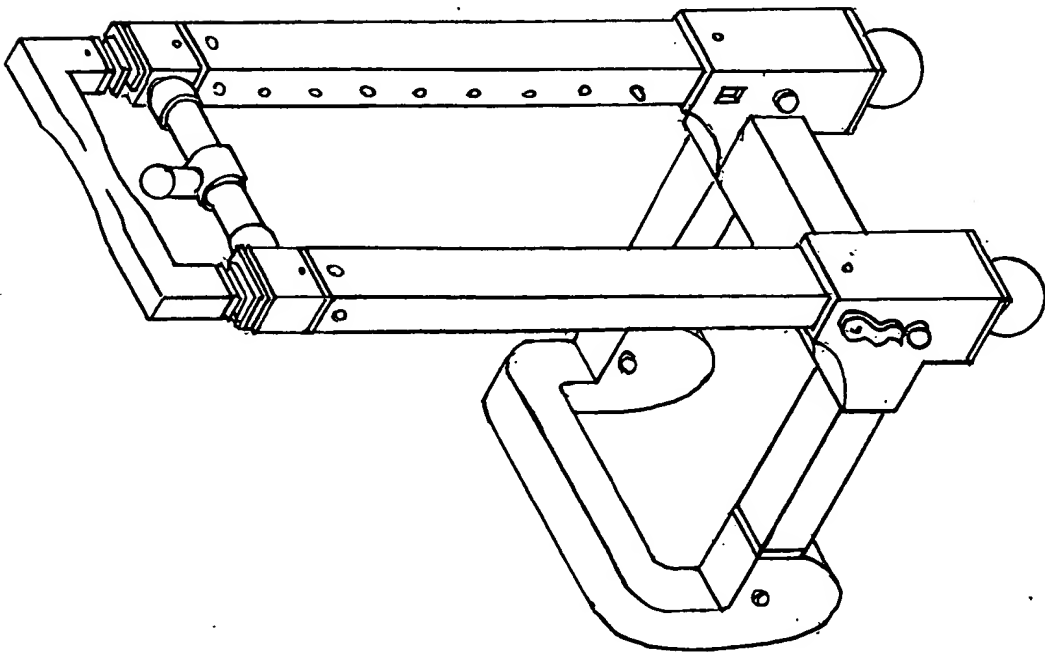


FIG. 20-C



+

FIG. 20-C



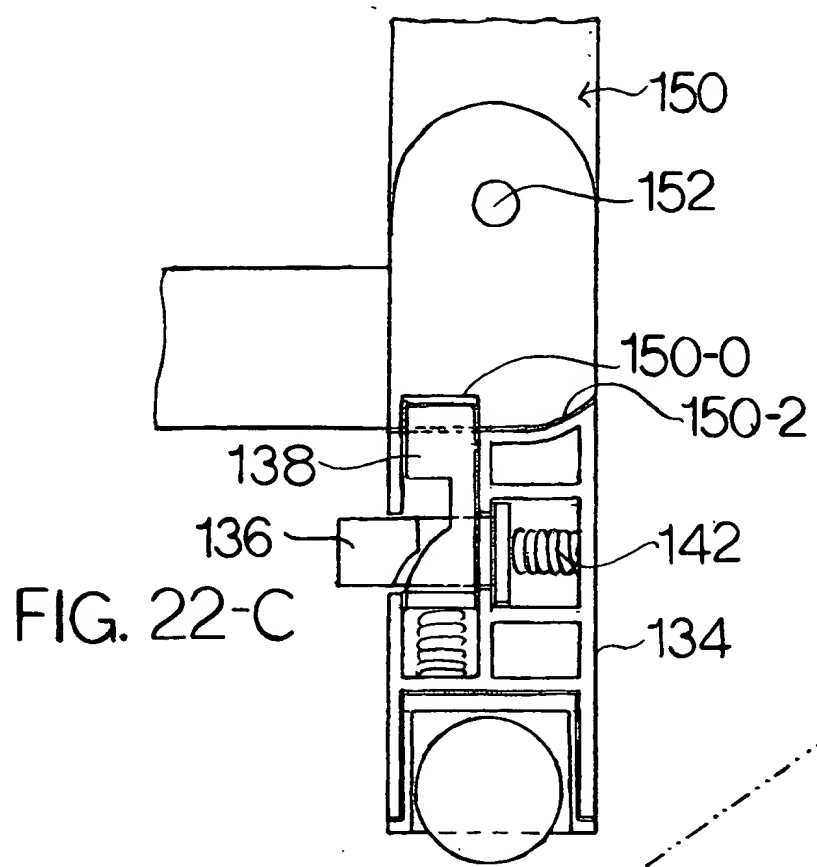


FIG. 22-C

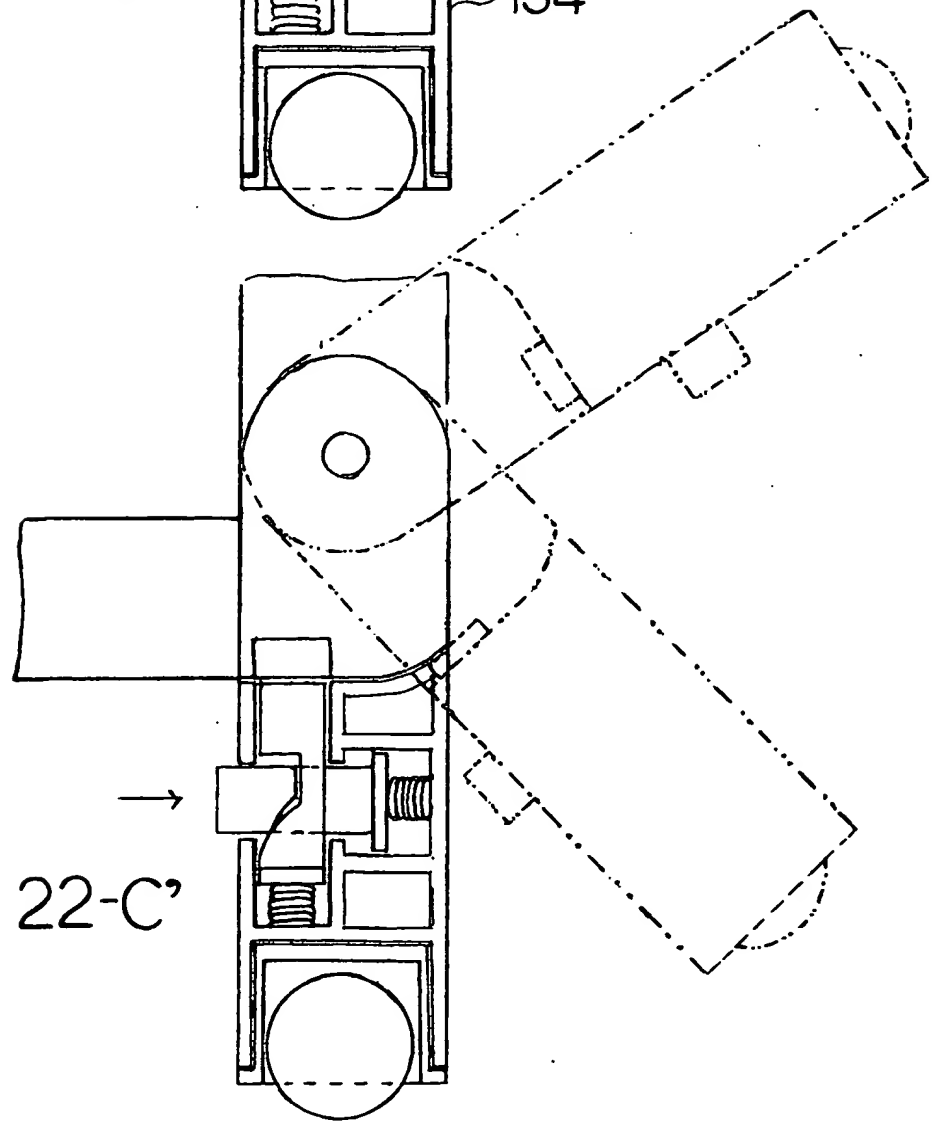


FIG. 22-C'

+

47/173

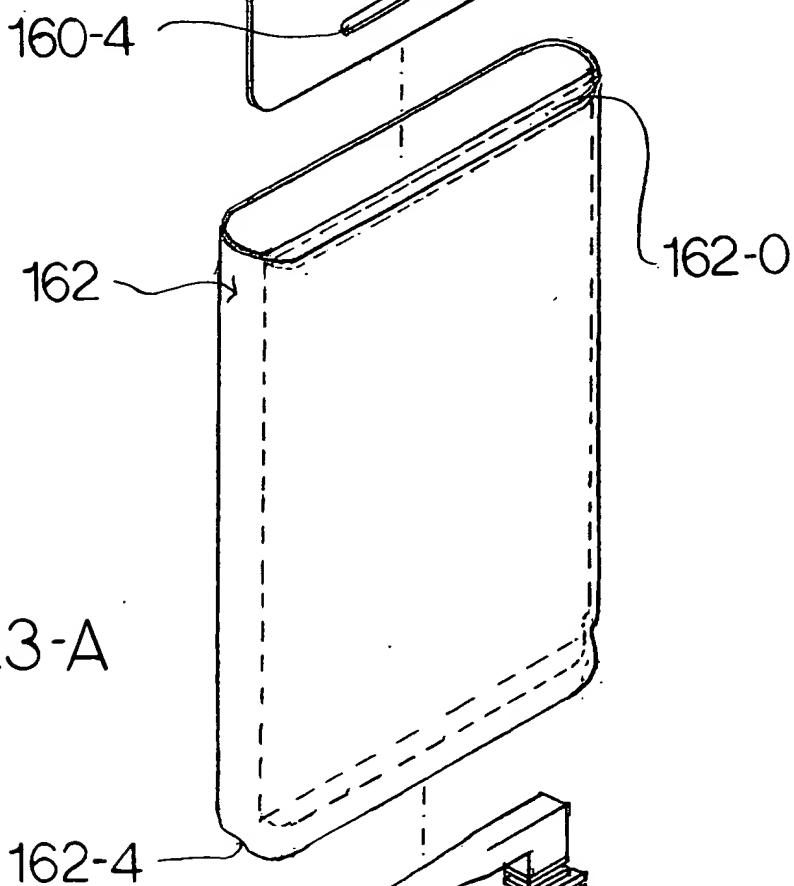
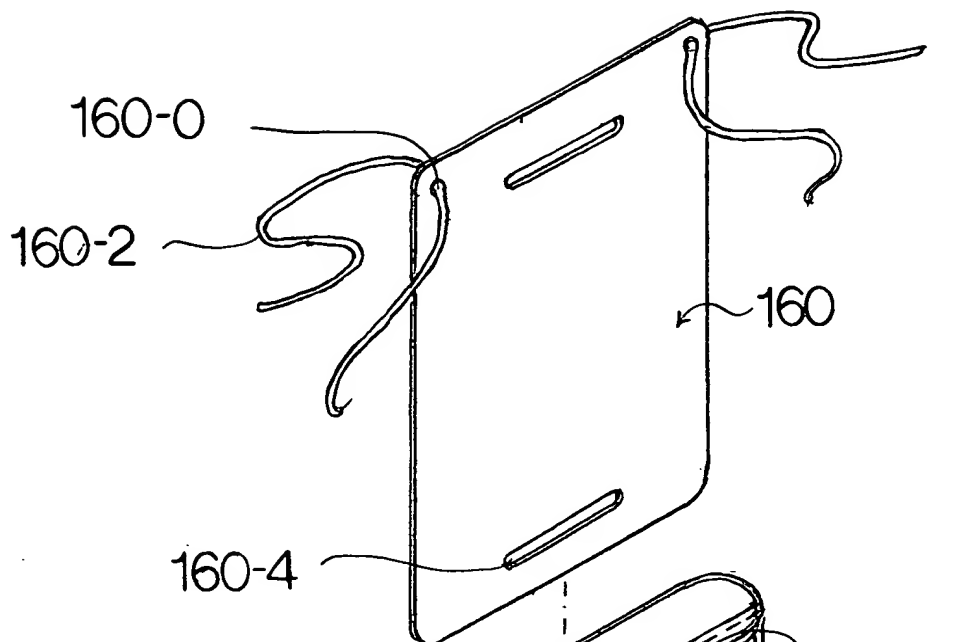
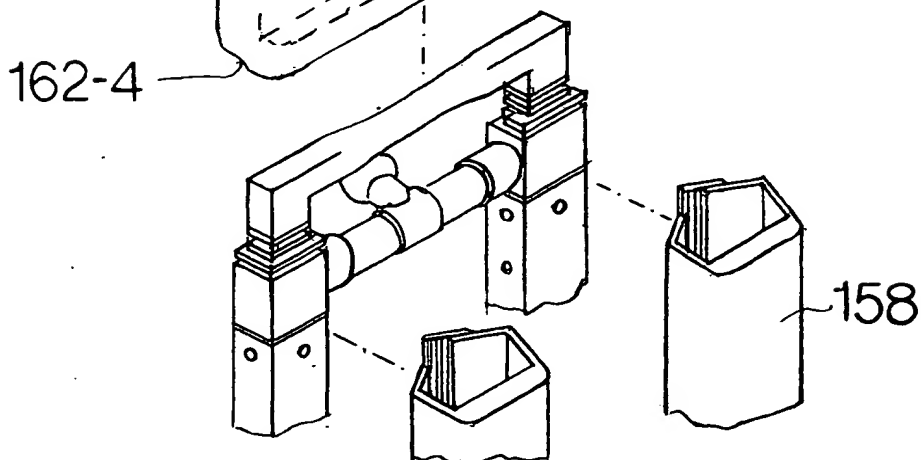


FIG. 23-A



+

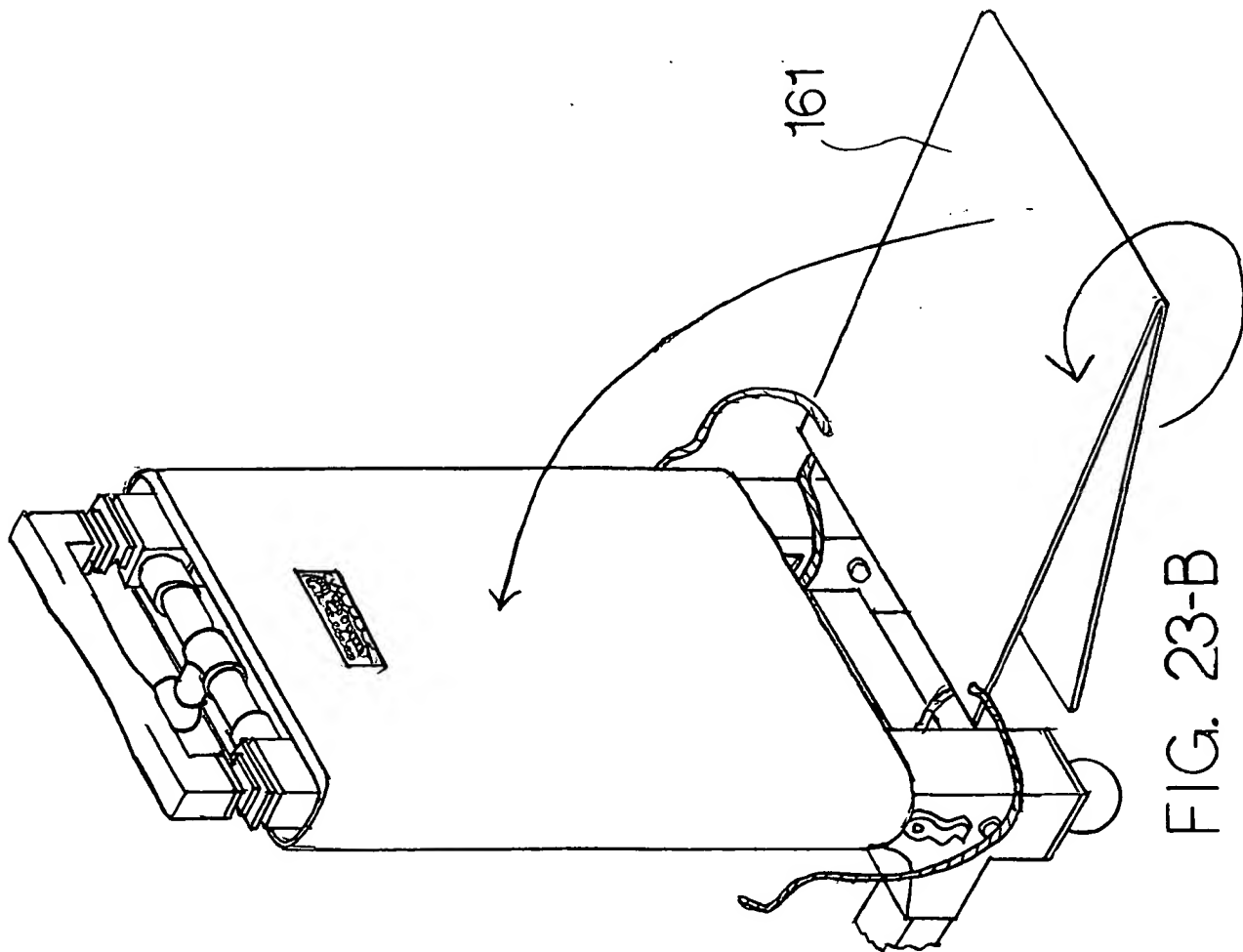


FIG. 23-B

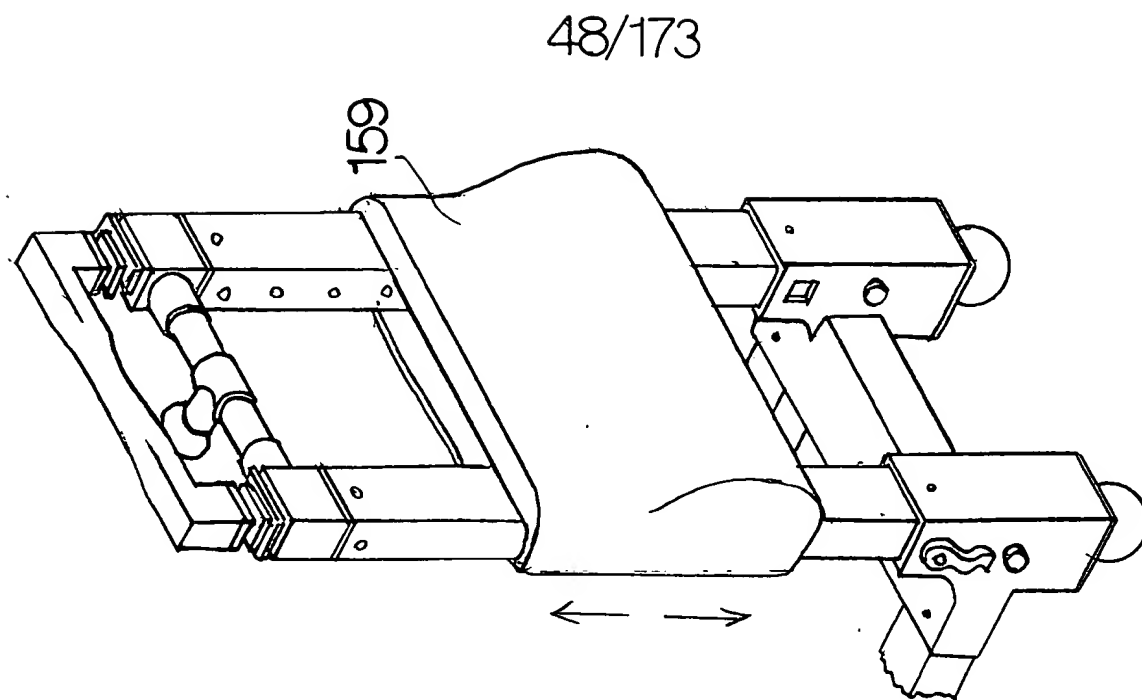


FIG. 23-C

+

50/173

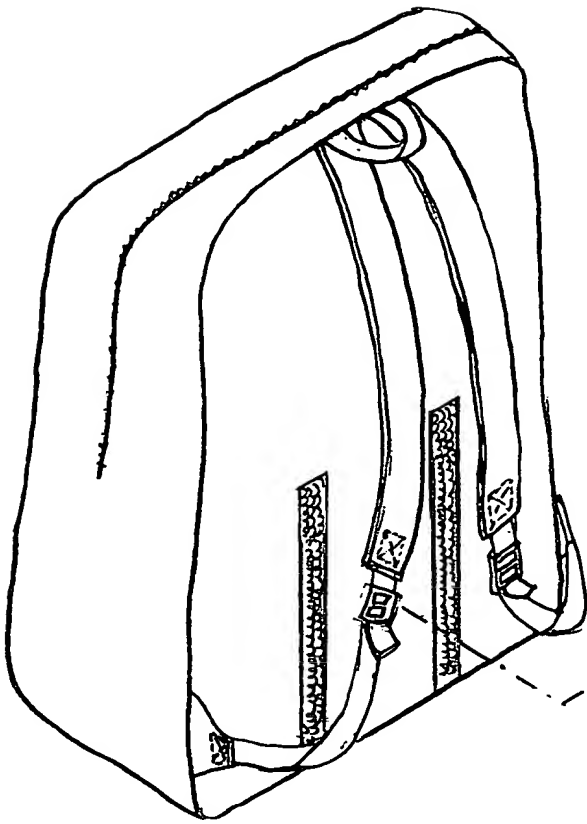


FIG. 23-D

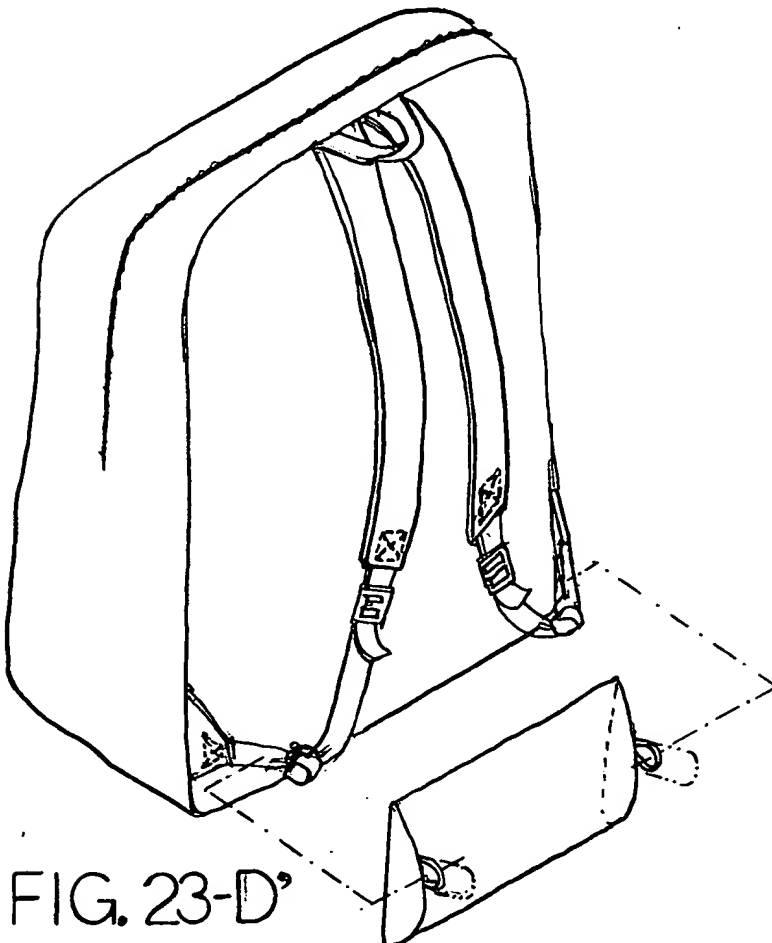
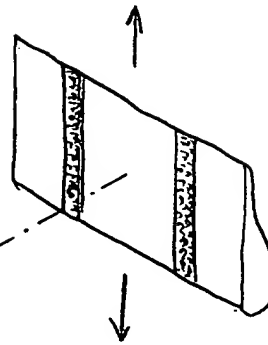


FIG. 23-D'



FIG. 23-D''

+

FIG. 23-C'

49/173

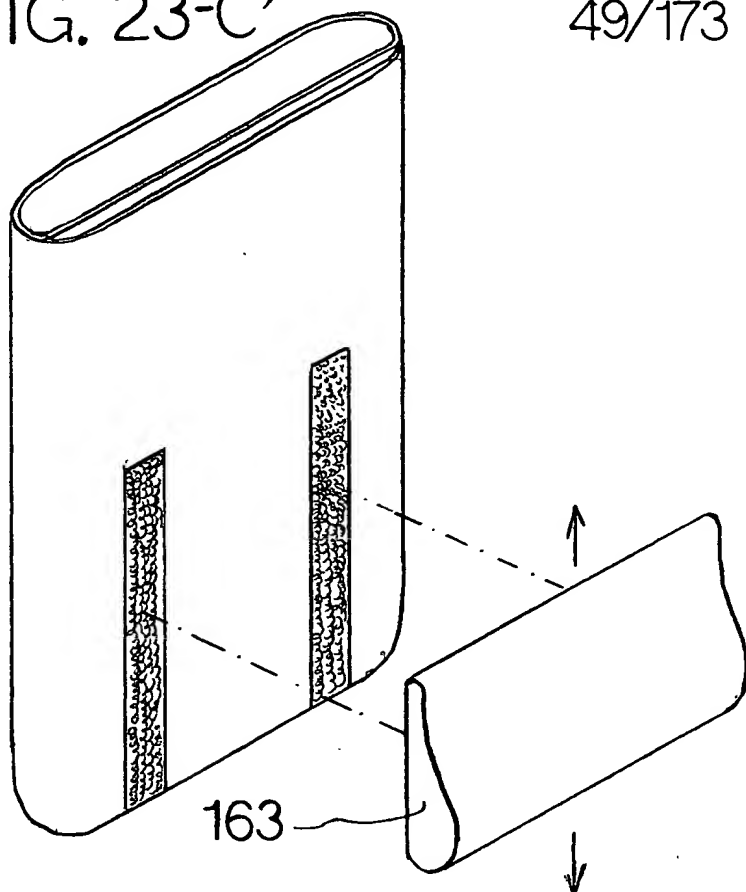


FIG. 23-C'''

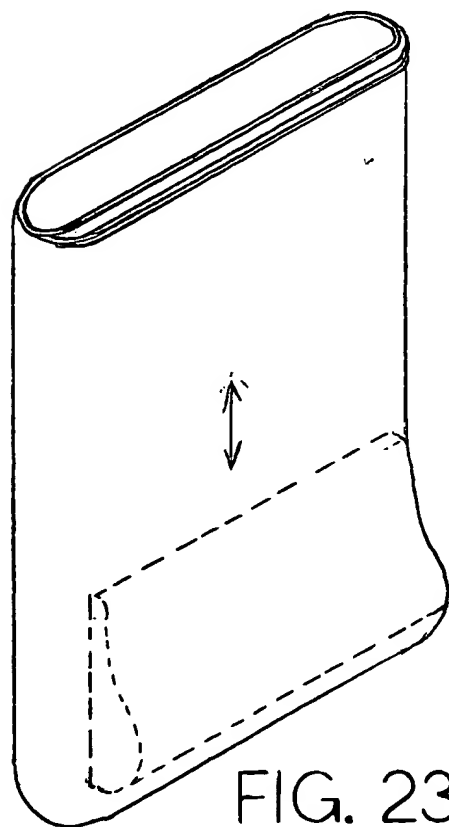
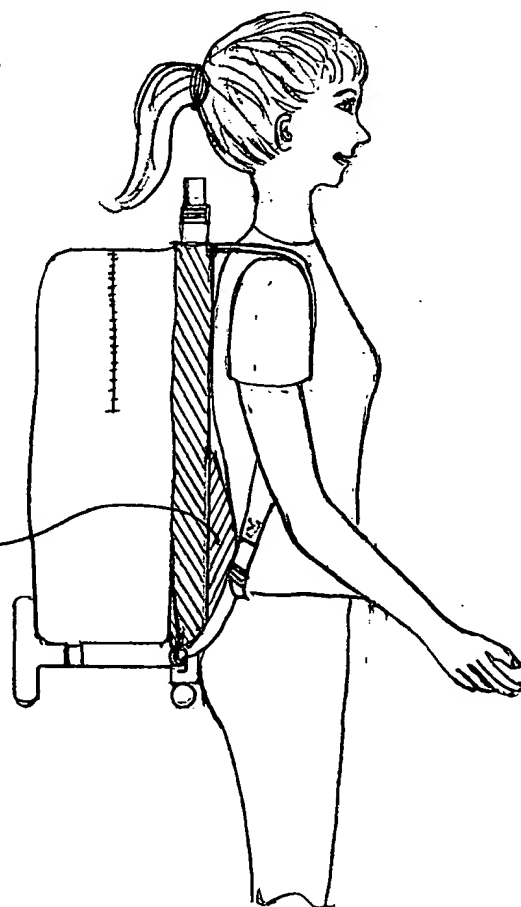
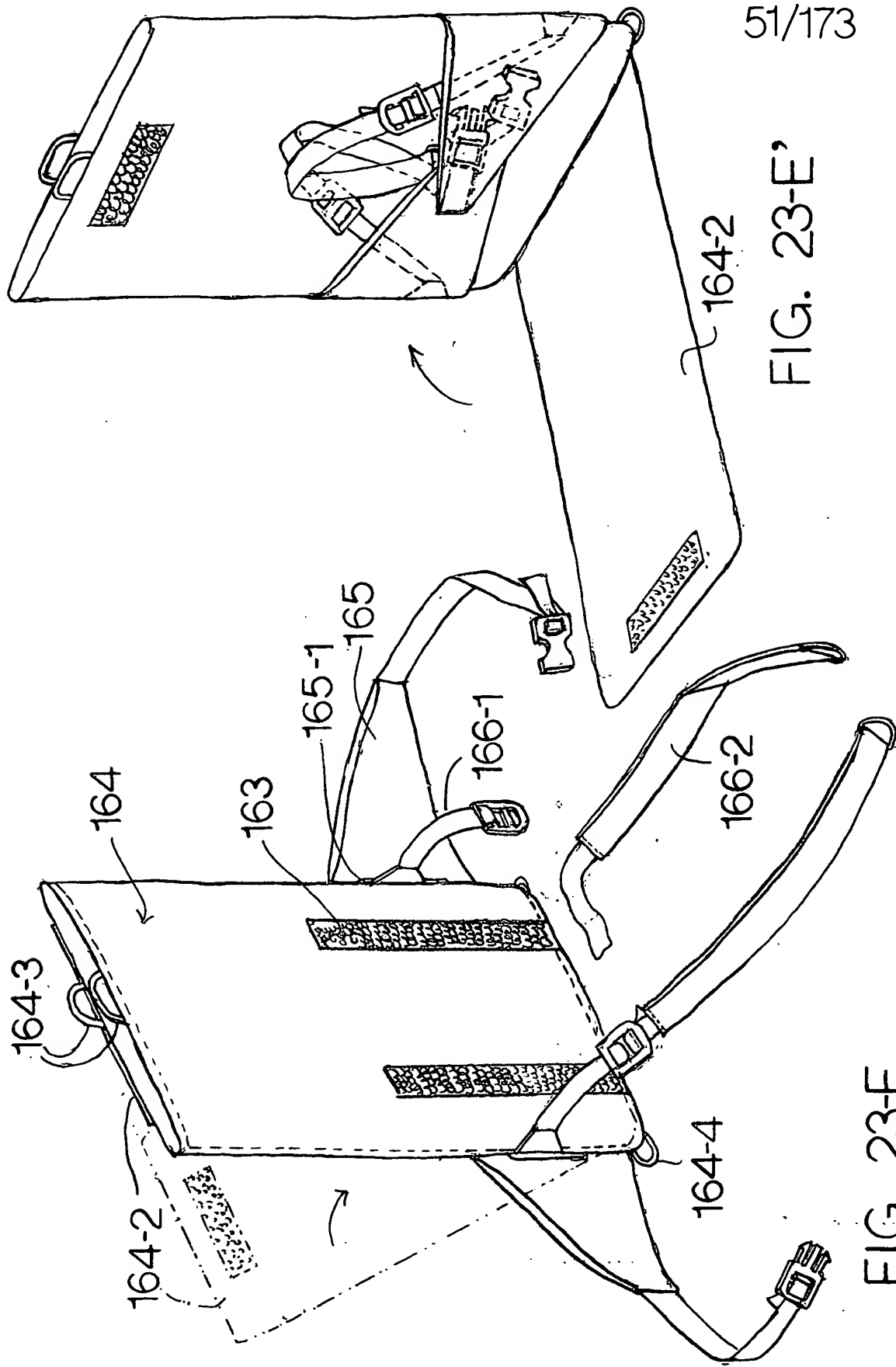


FIG. 23-C'''

163





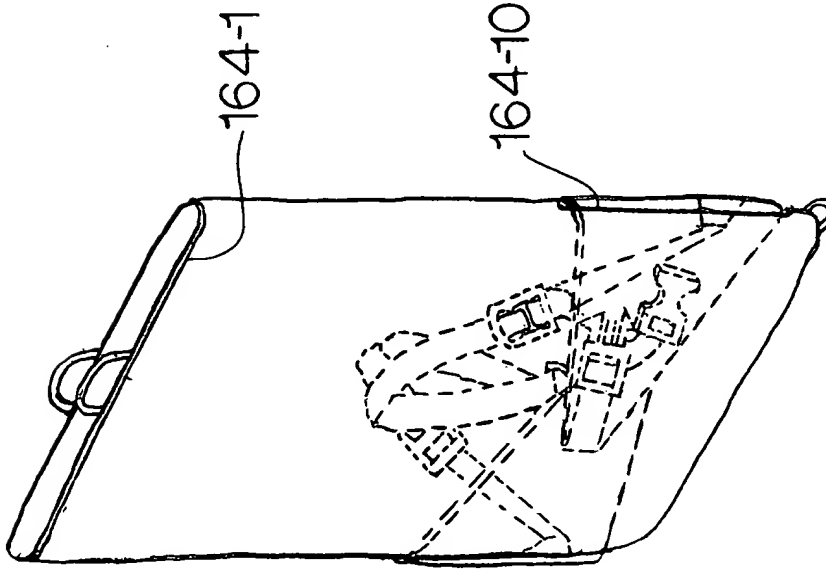


FIG. 23-E

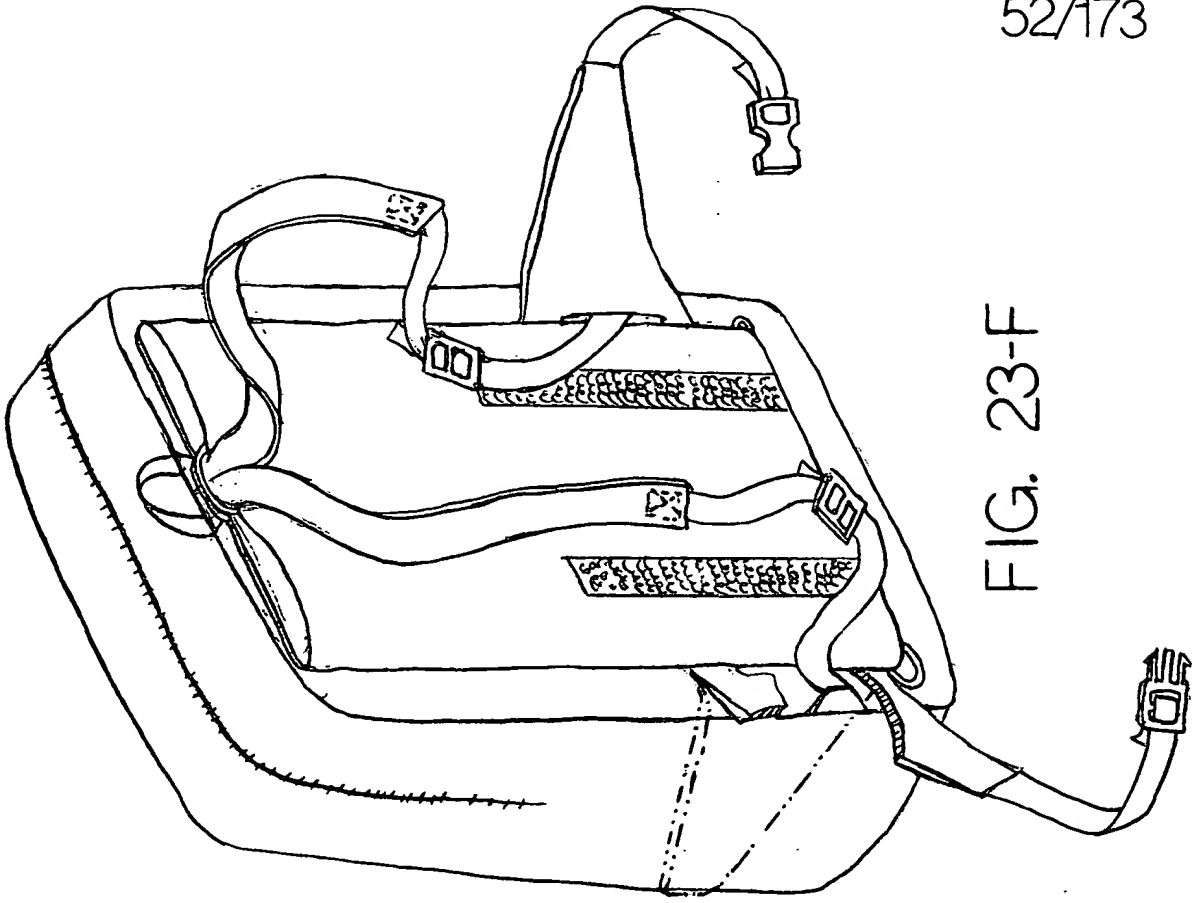


FIG. 23-F

52/173

+

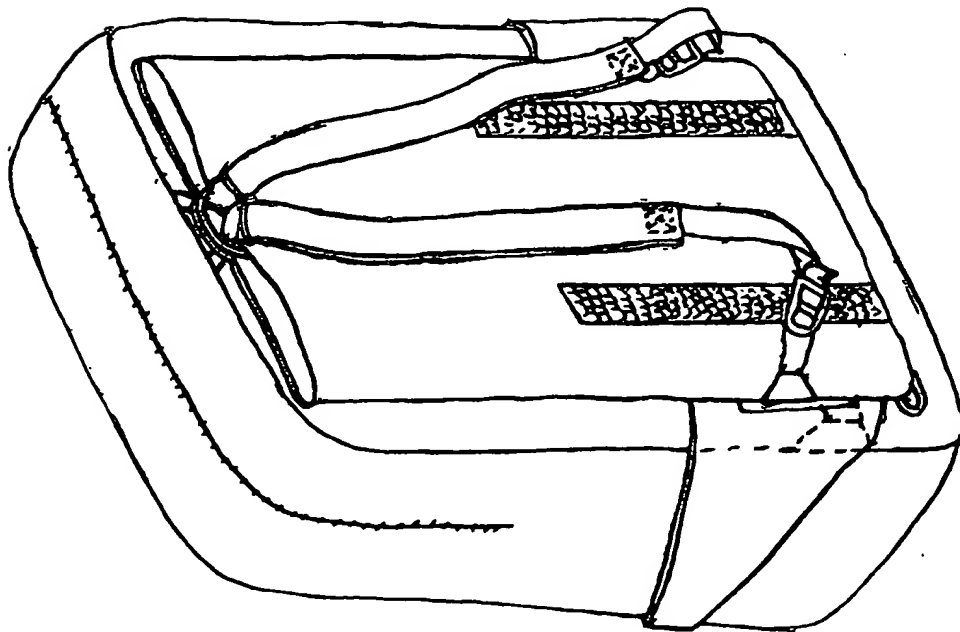


FIG. 23-F'

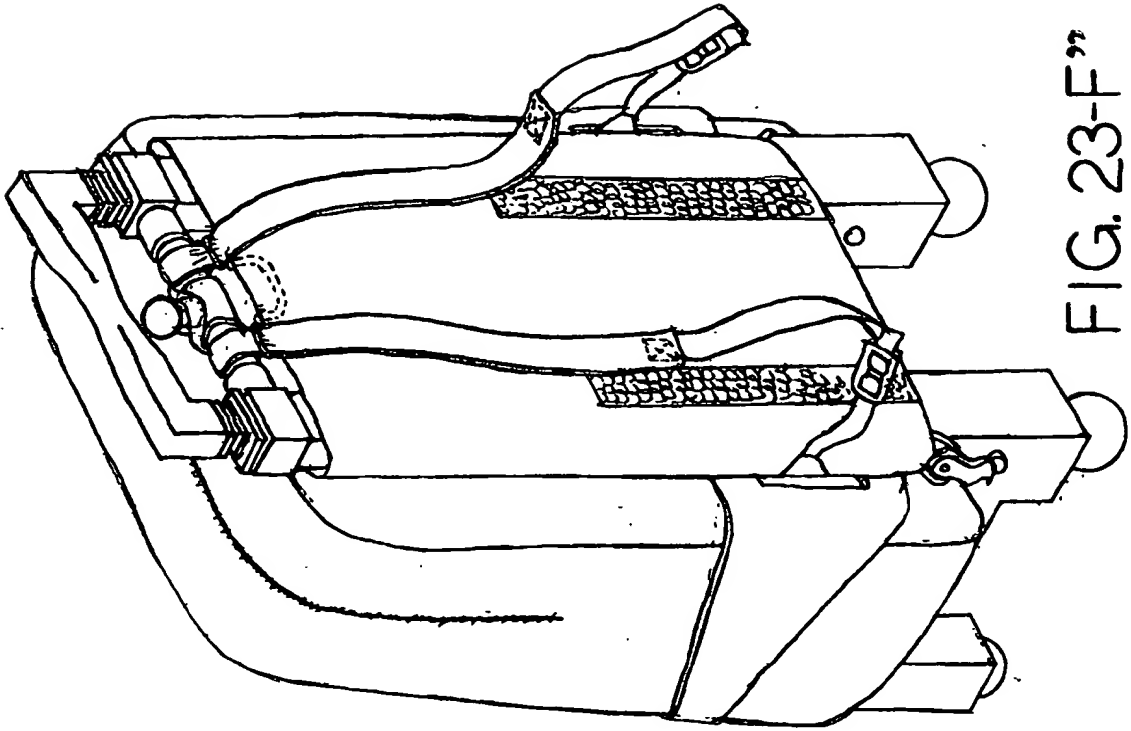


FIG. 23-F''

+

+

FIG. 24-A

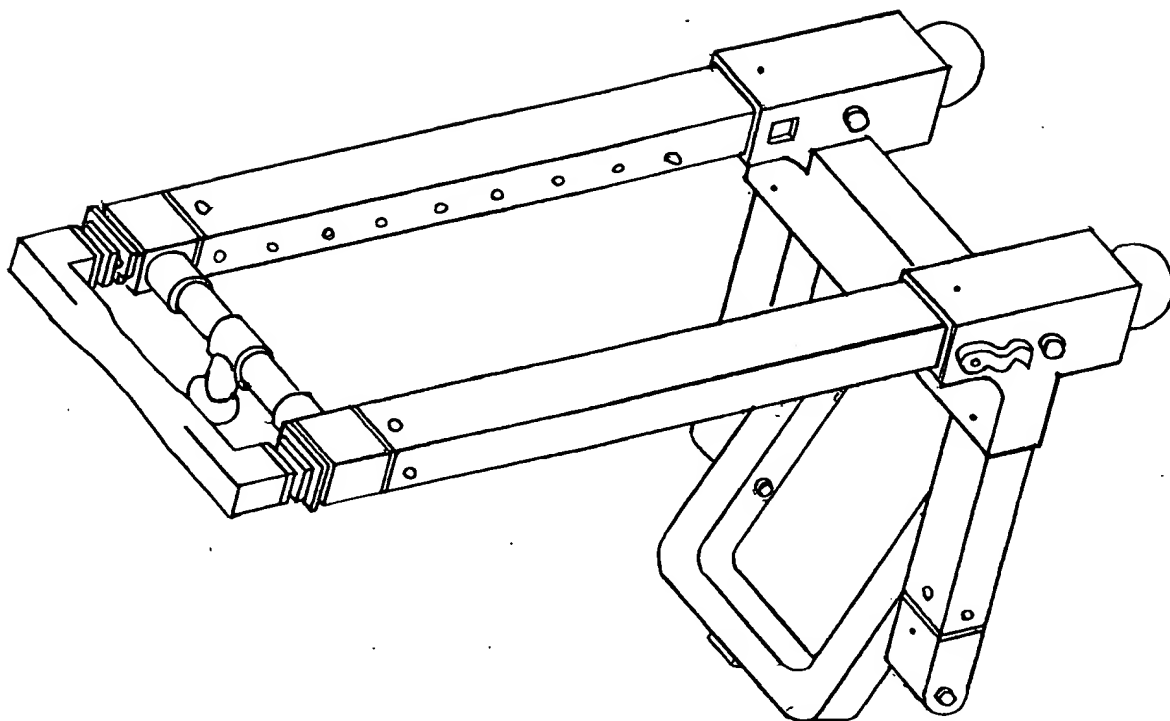


FIG. 24-A'

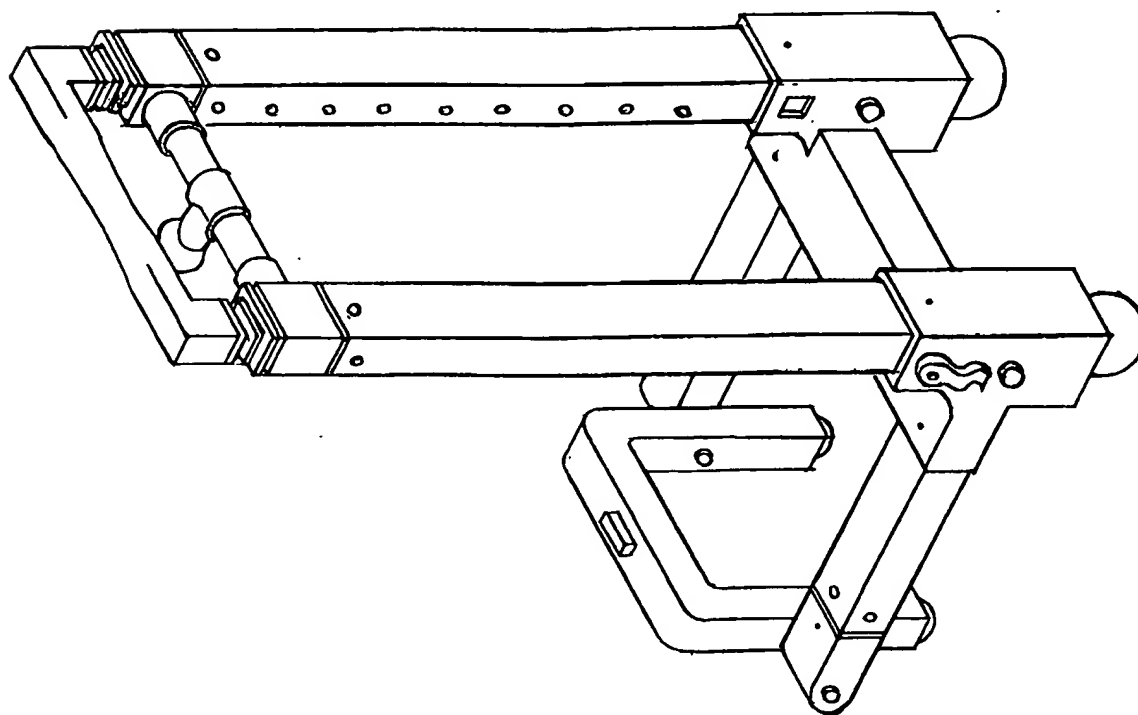


FIG. 24-A

54/173

+

+

55/173

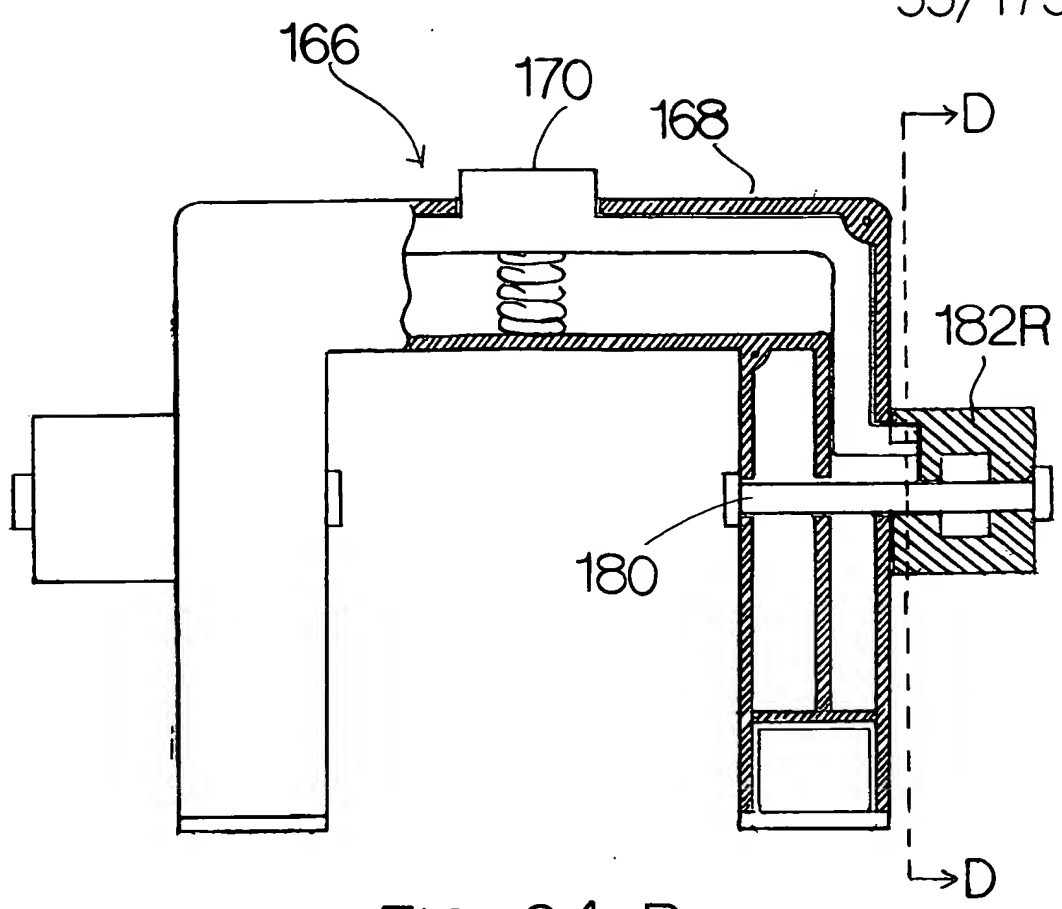


FIG. 24-B

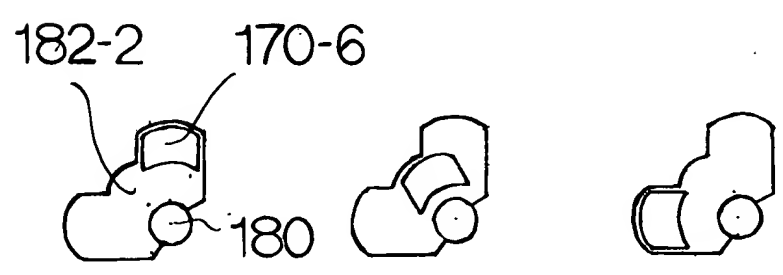
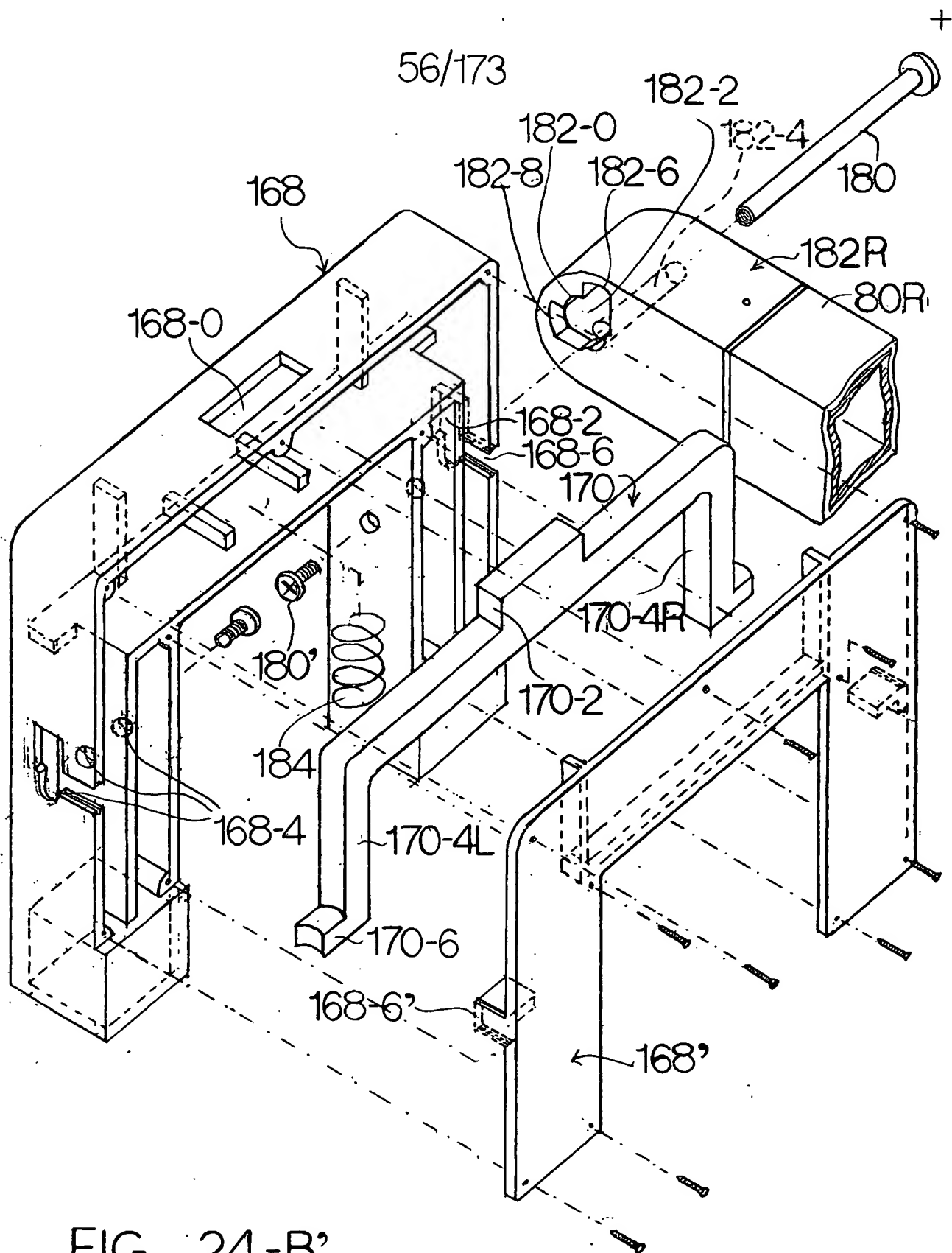


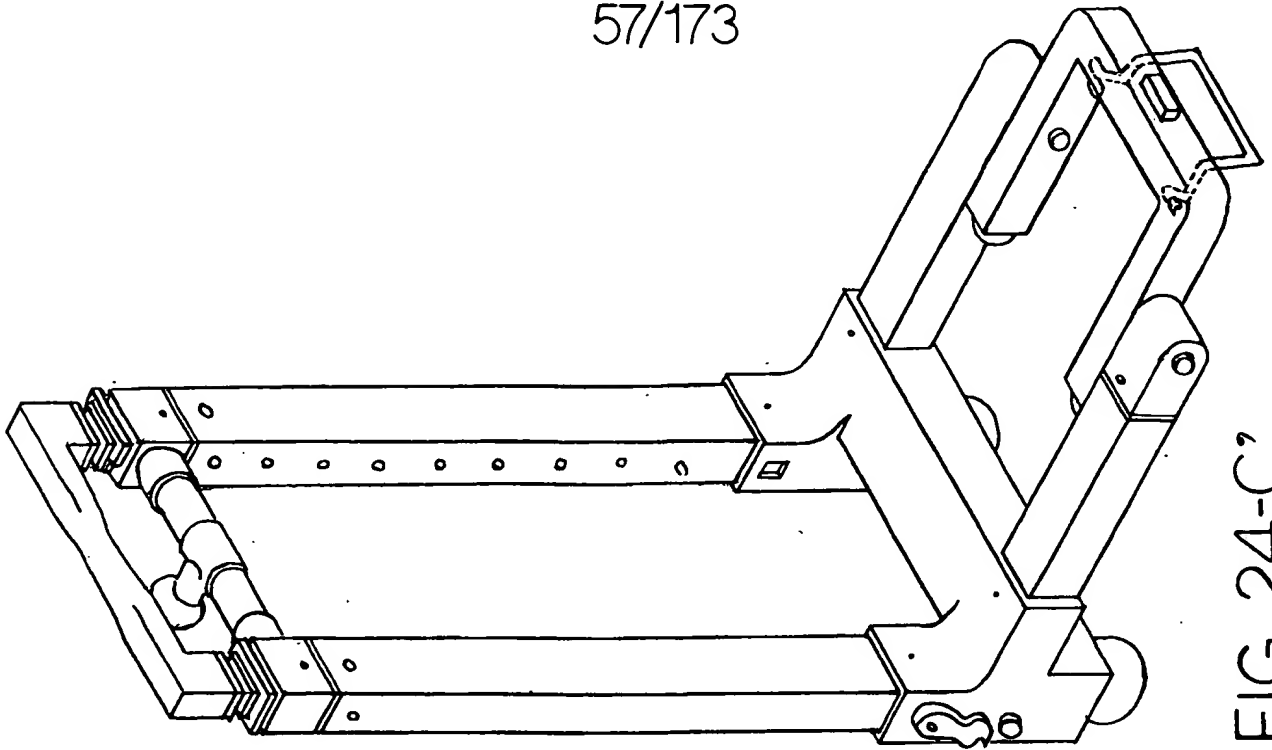
FIG. 24-B'A FIG. 24-B'B FIG. 24-B'C

+

FIG. 24-B



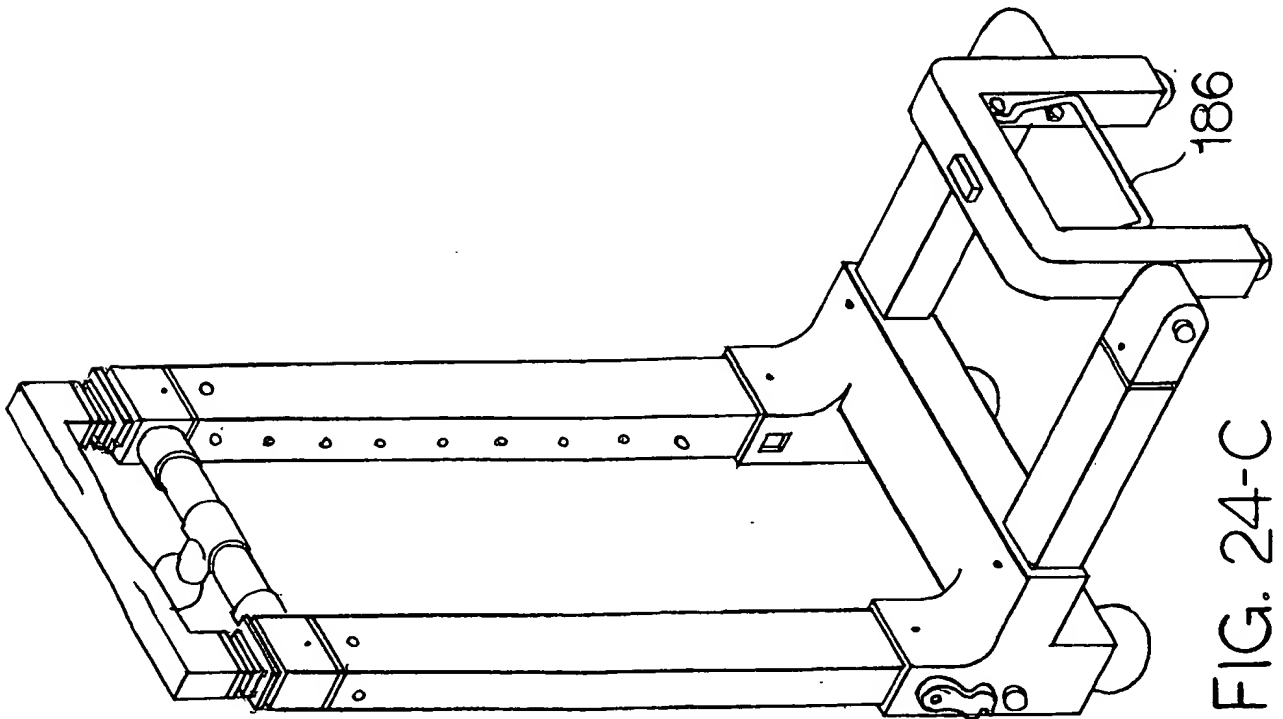
+



57/173

+

FIG. 24-C'



186

FIG. 24-C

+

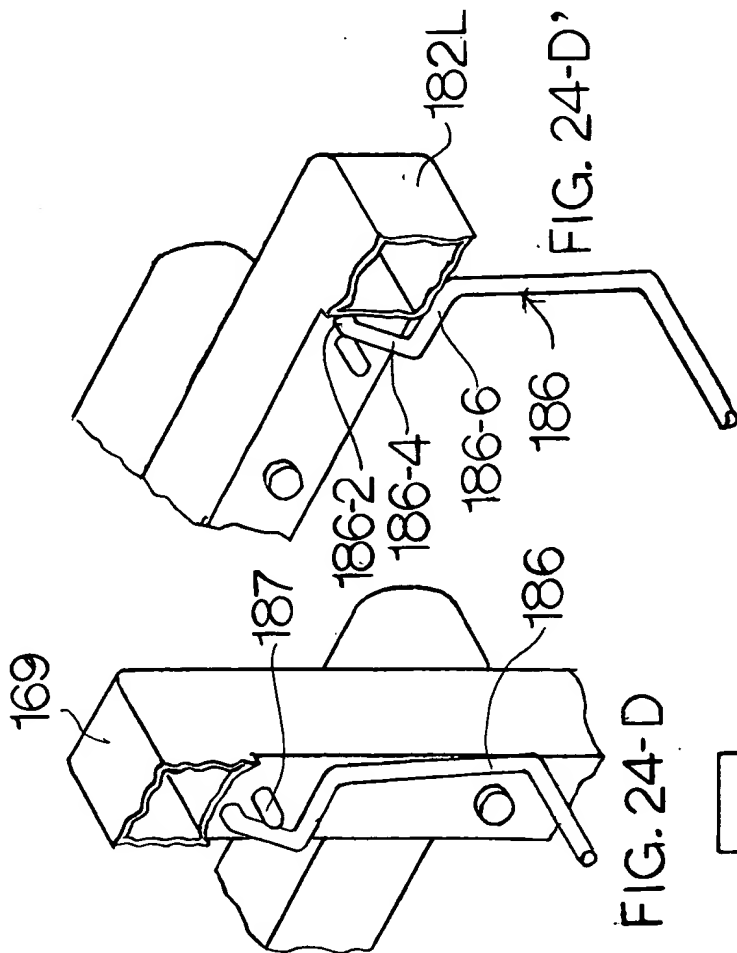


FIG. 24-D

FIG. 24-D'

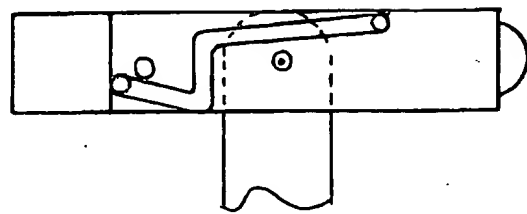


FIG. 24-E

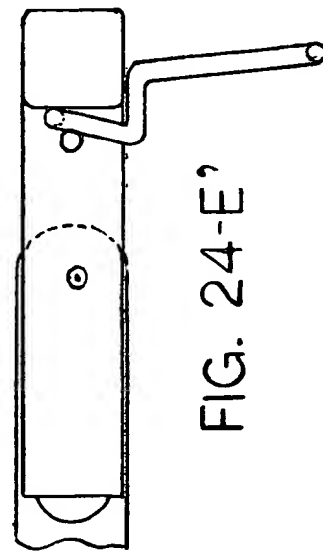


FIG. 24-E'

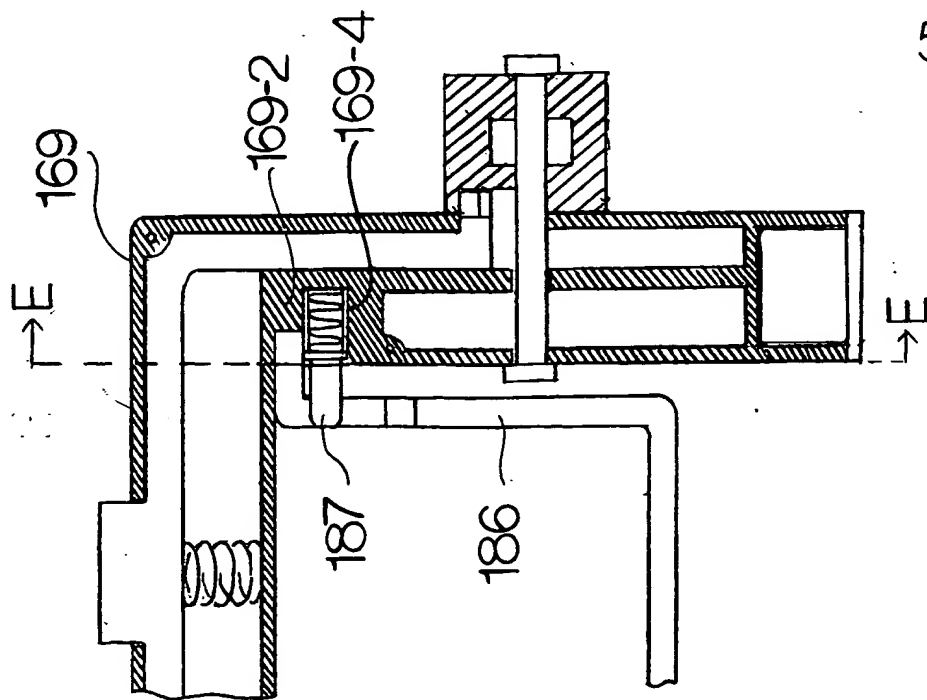


FIG. 24-F

+

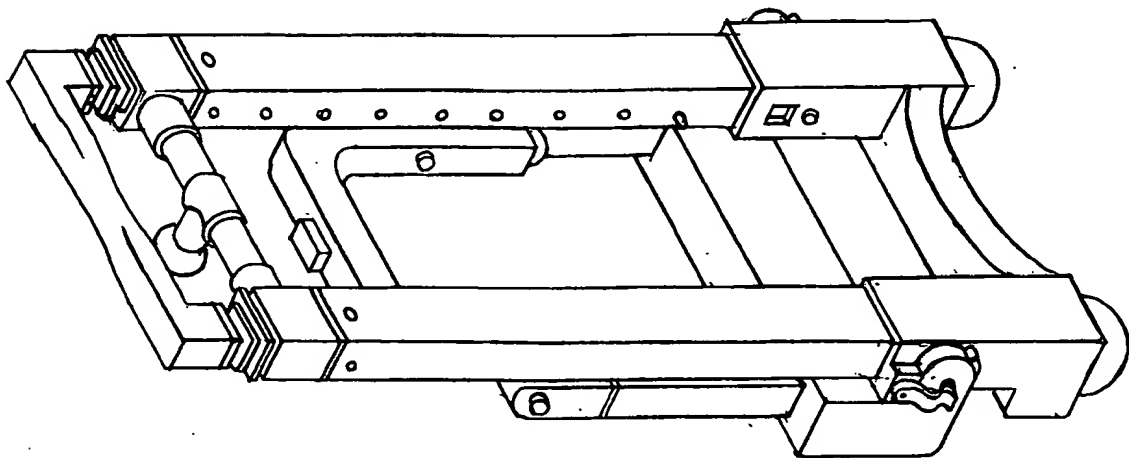


FIG. 25-B

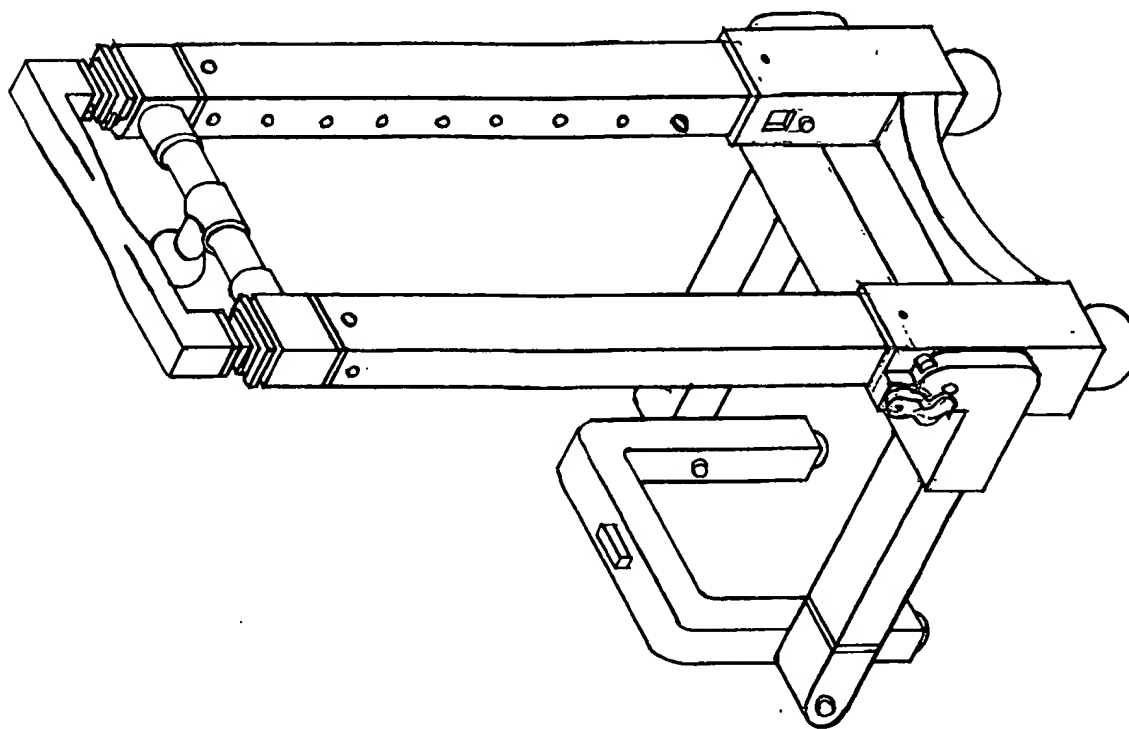


FIG. 25-A

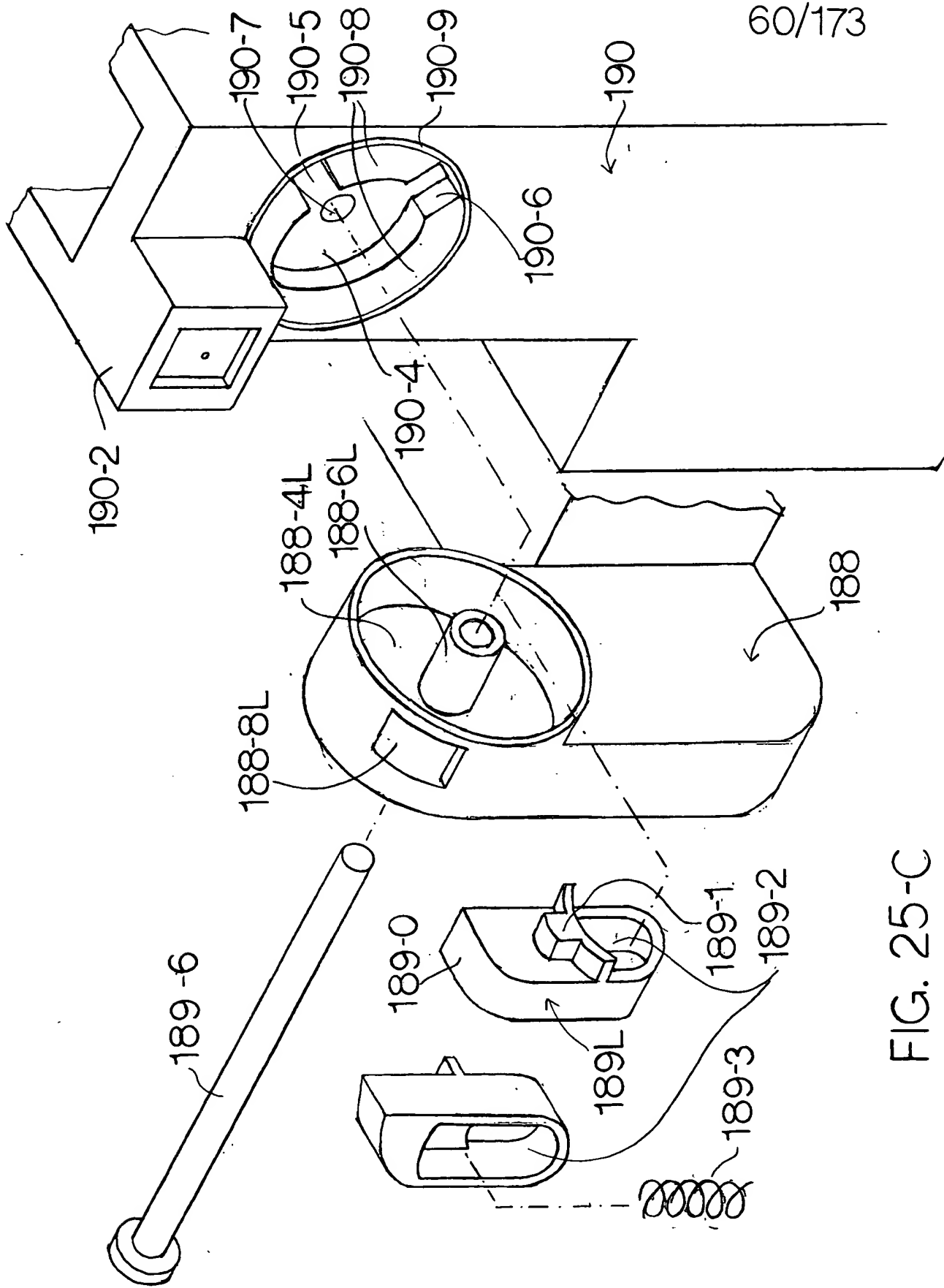


FIG. 25-C

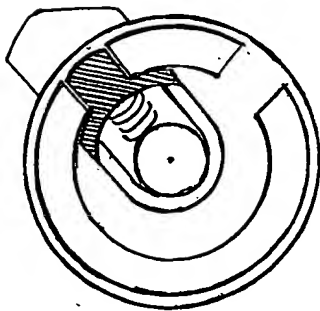


FIG. 25-D1

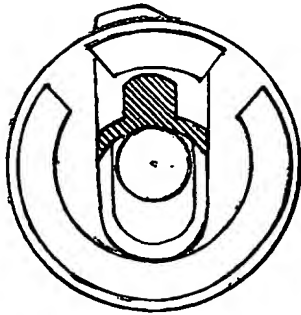


FIG. 25-D2

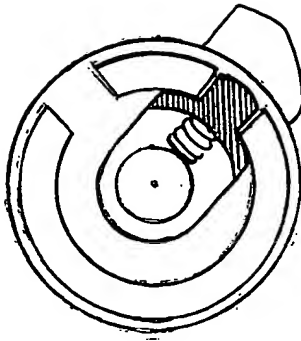


FIG. 25-D3

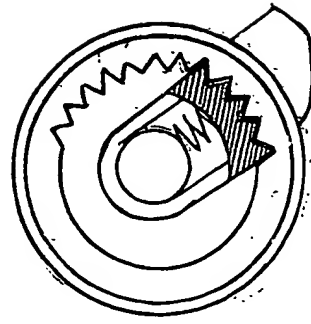


FIG. 25-F4

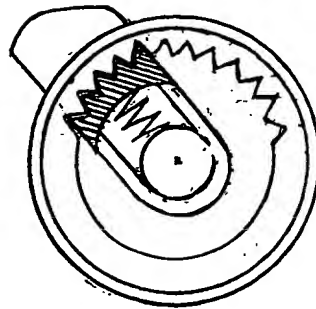


FIG. 25-F1

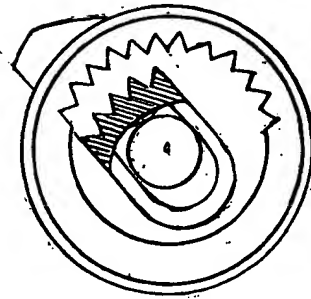


FIG. 25-F2

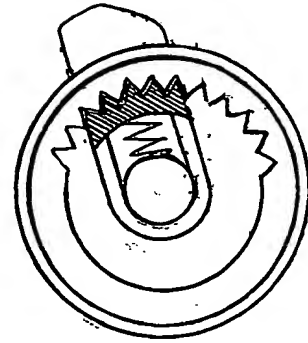


FIG. 25-F3

+

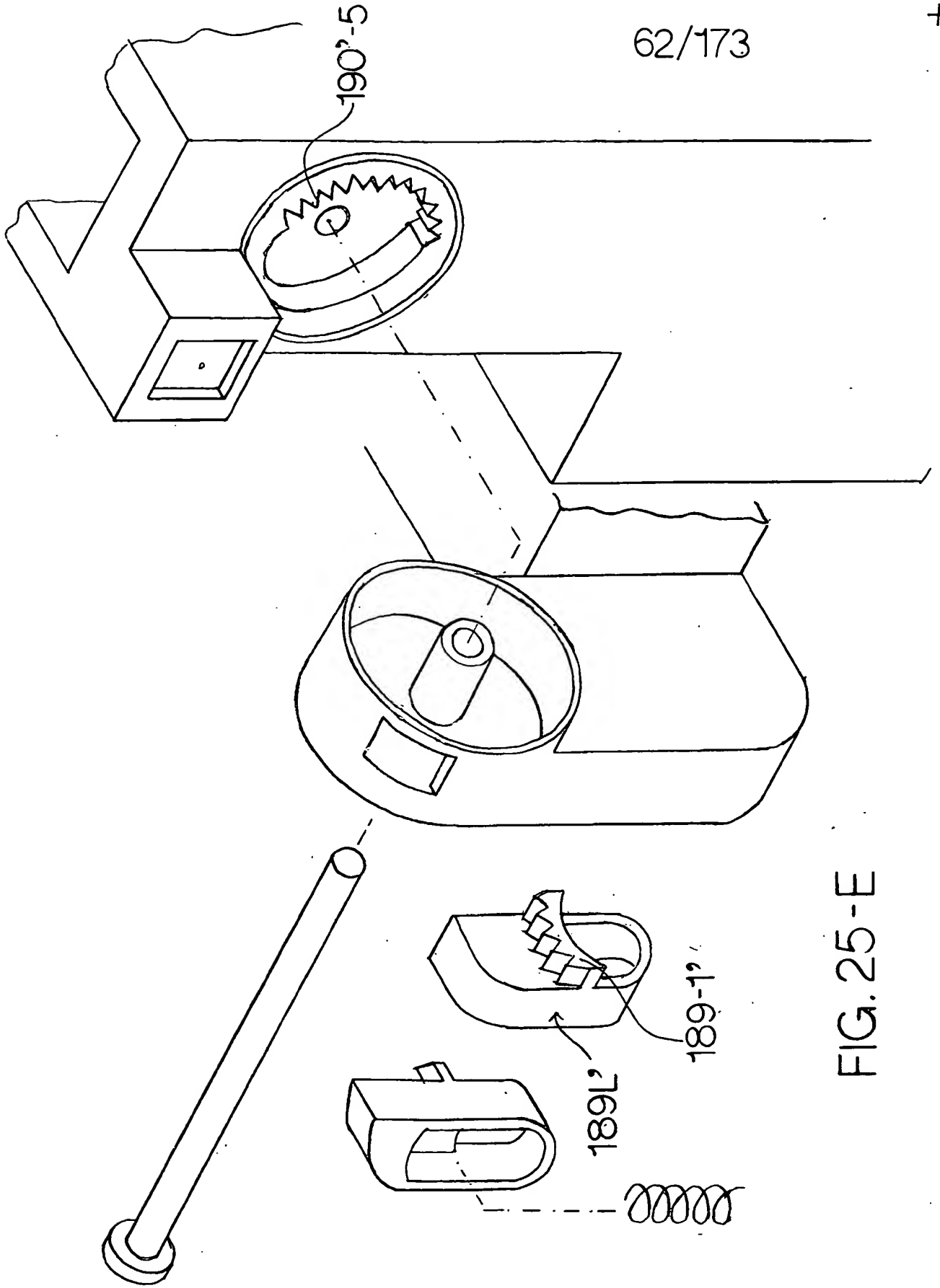


FIG. 25-E

+

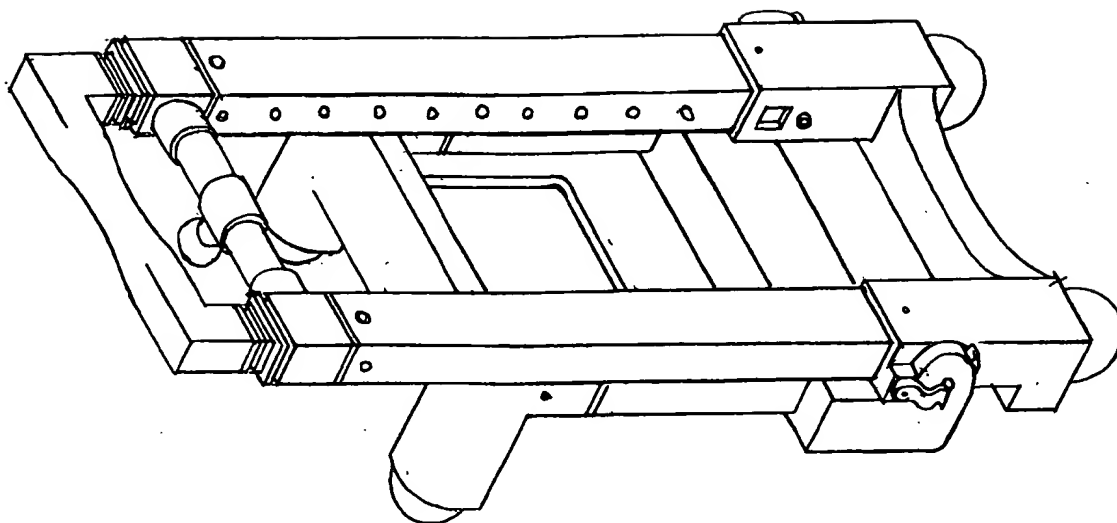


FIG. 25-G'

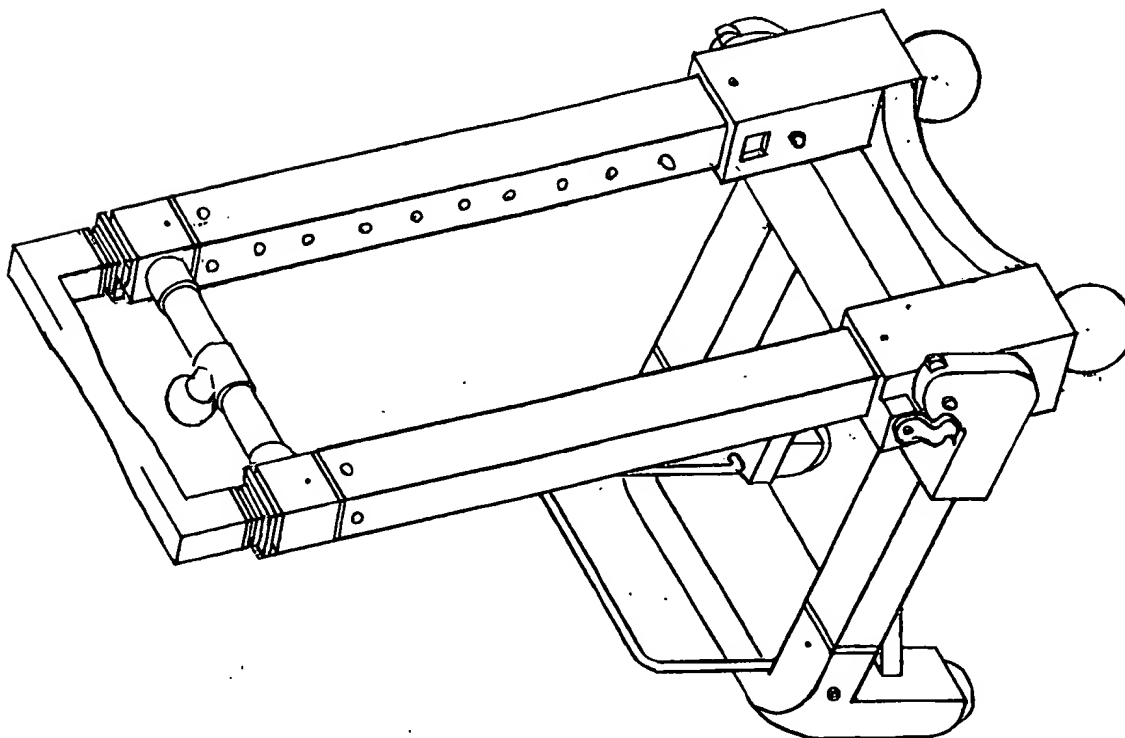


FIG. 25-G

63/173

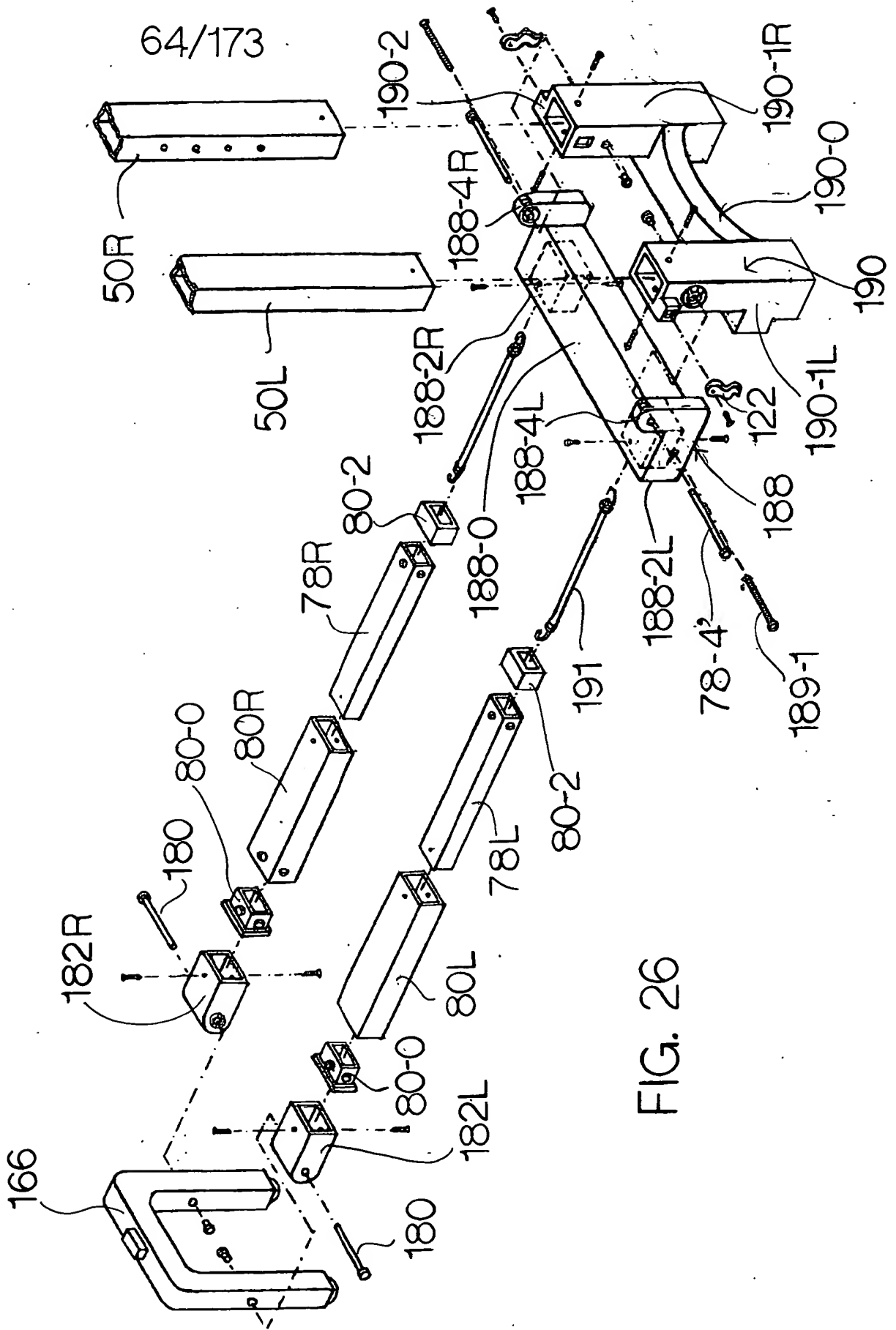


FIG. 26

+

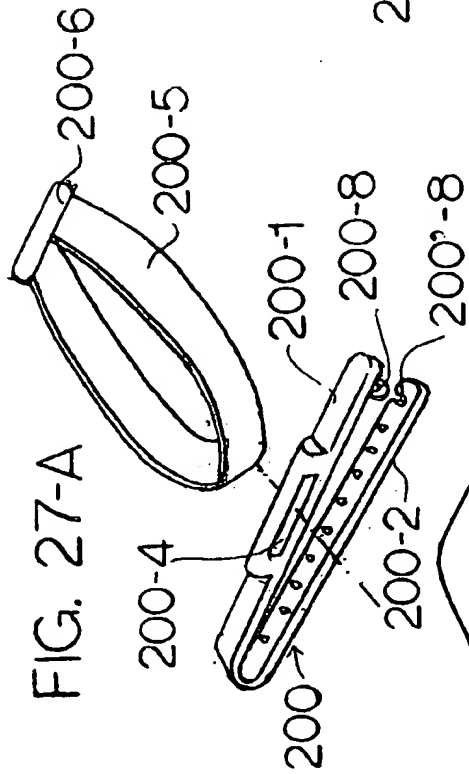
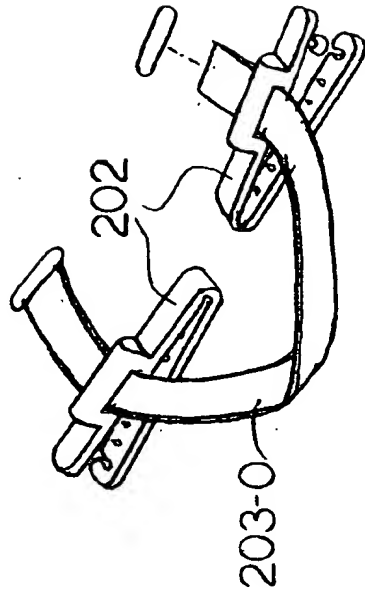


FIG. 27-A

FIG. 27-B



+

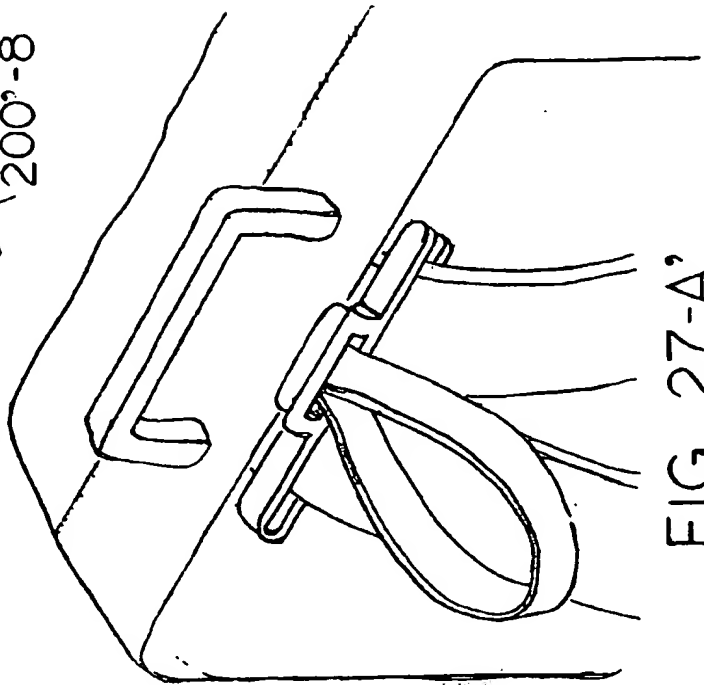


FIG. 27-A'

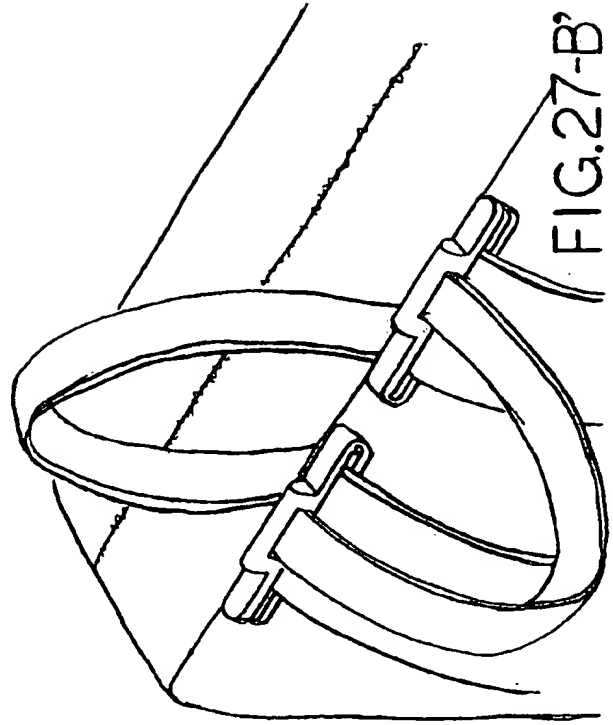
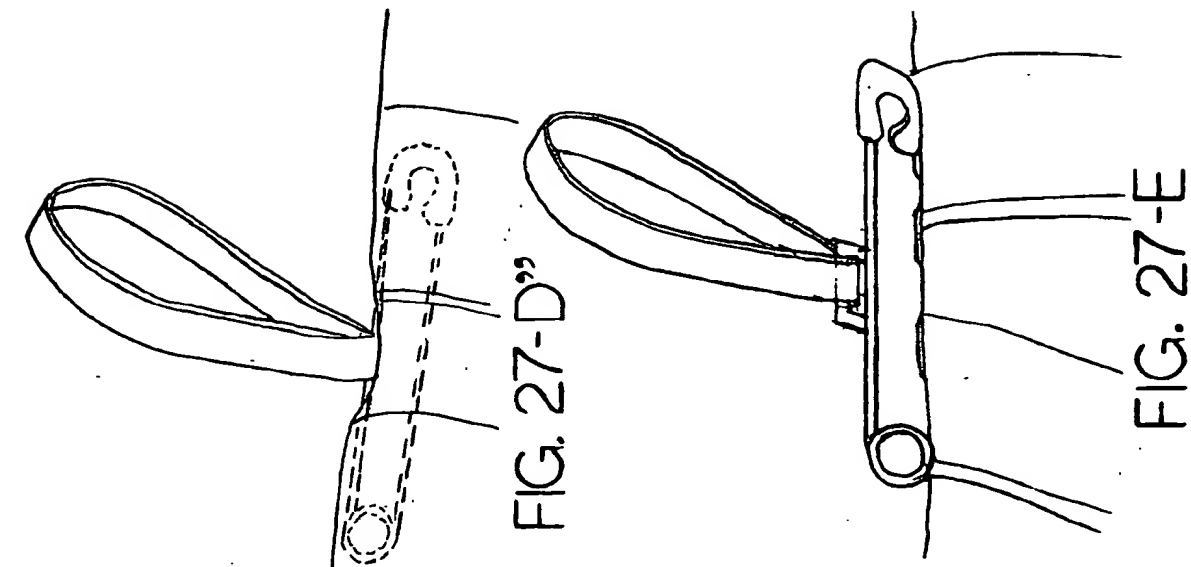
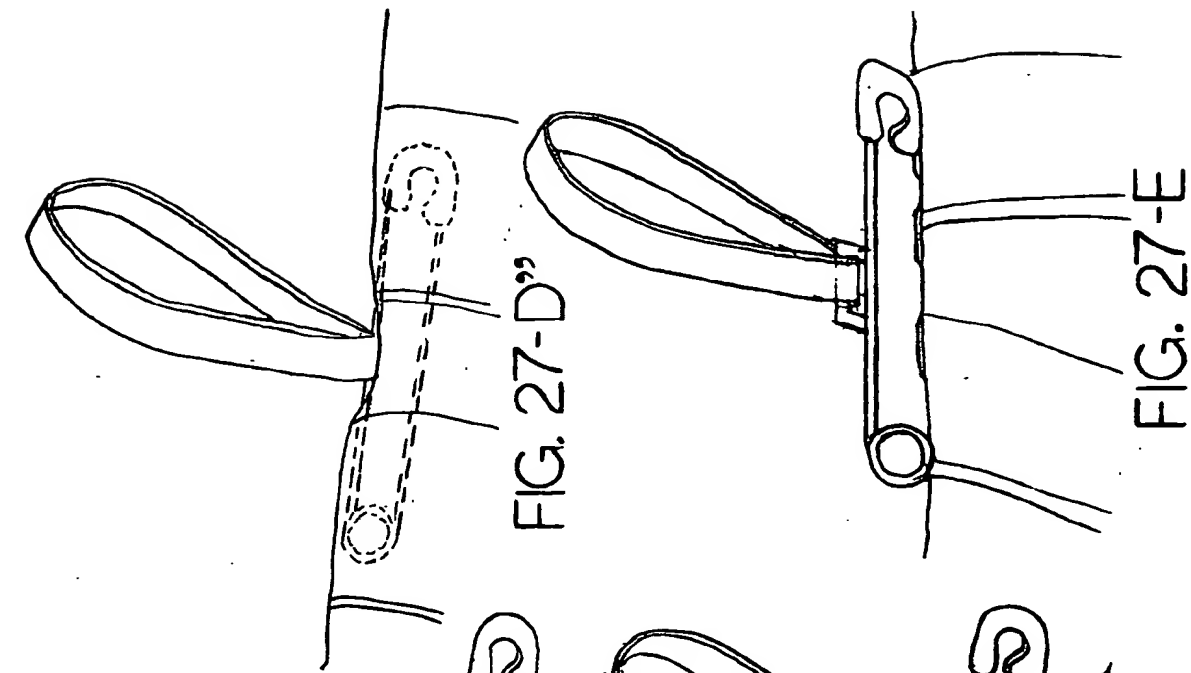
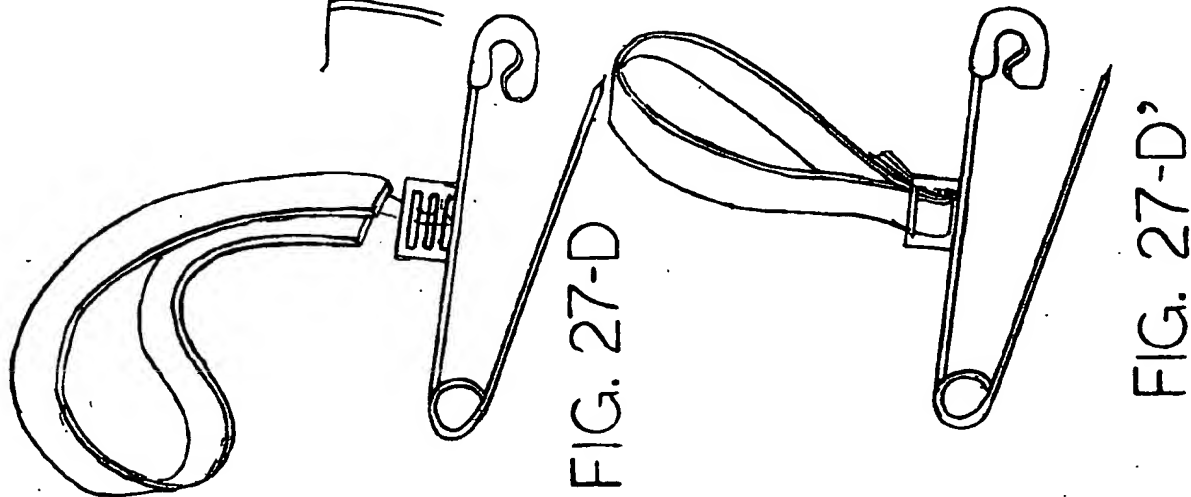
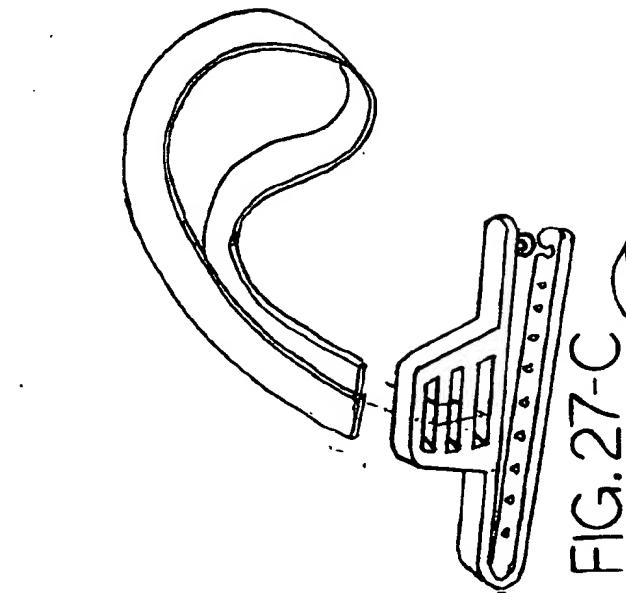


FIG. 27-B'



67/173

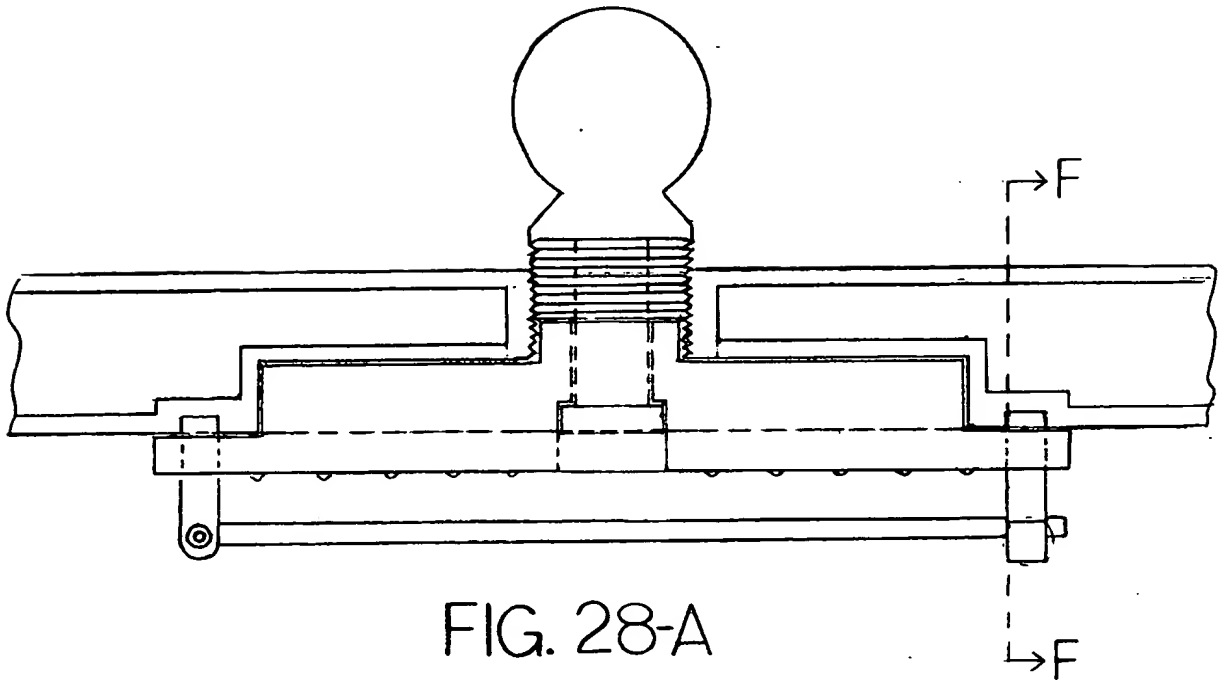


FIG. 28-A

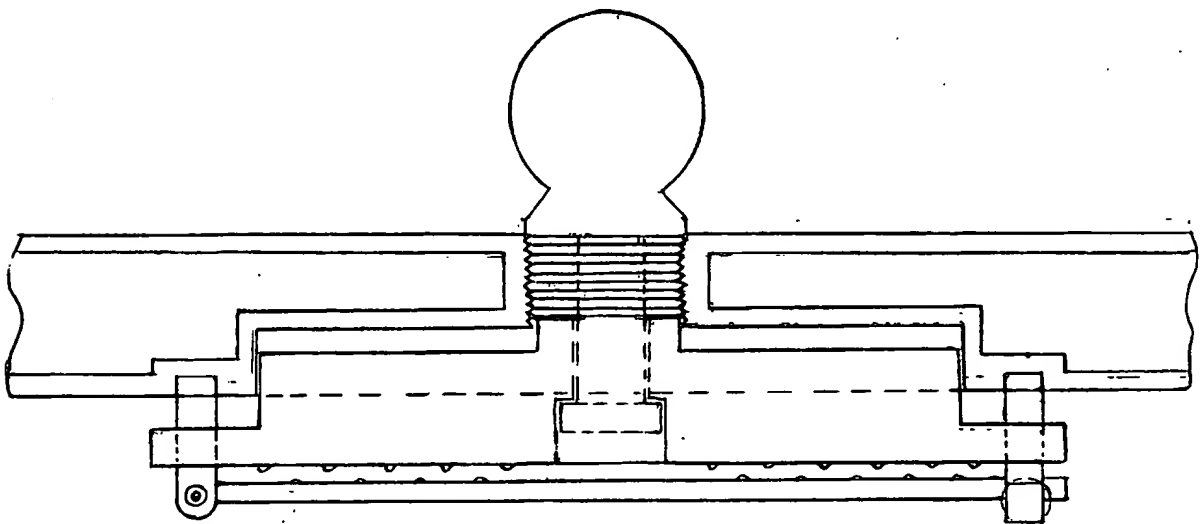
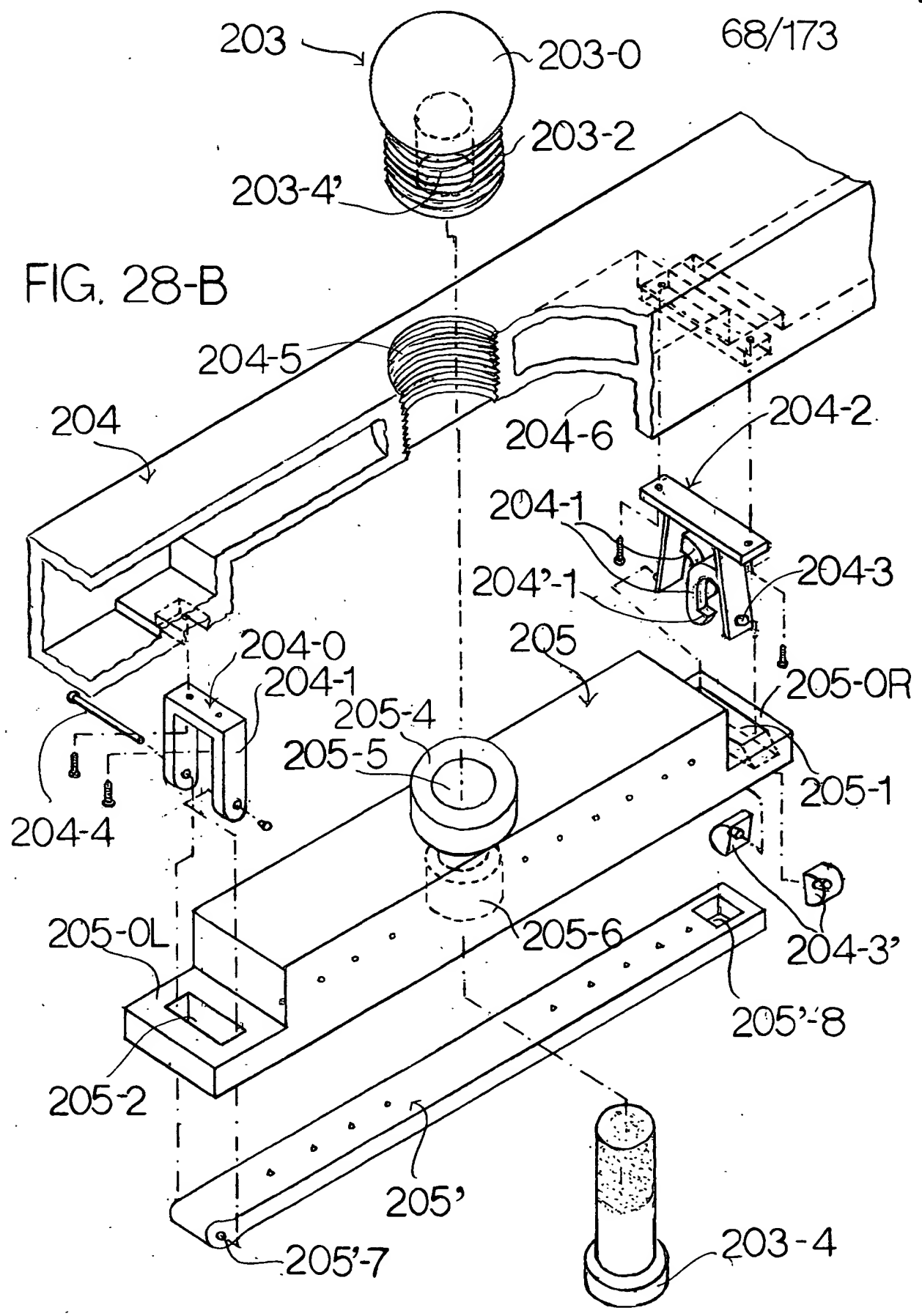


FIG. 28-A'

+

68/173

FIG. 28-B



+

+

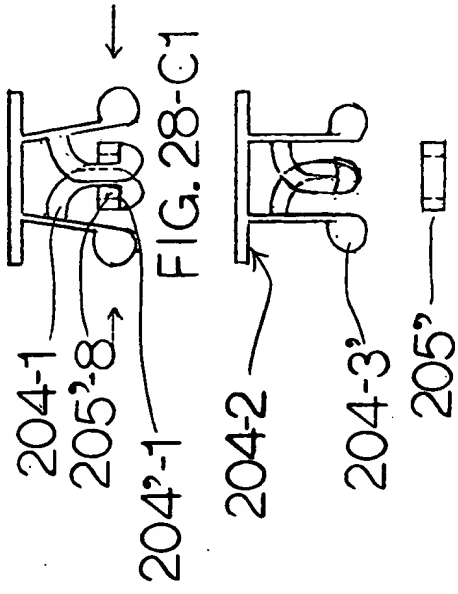
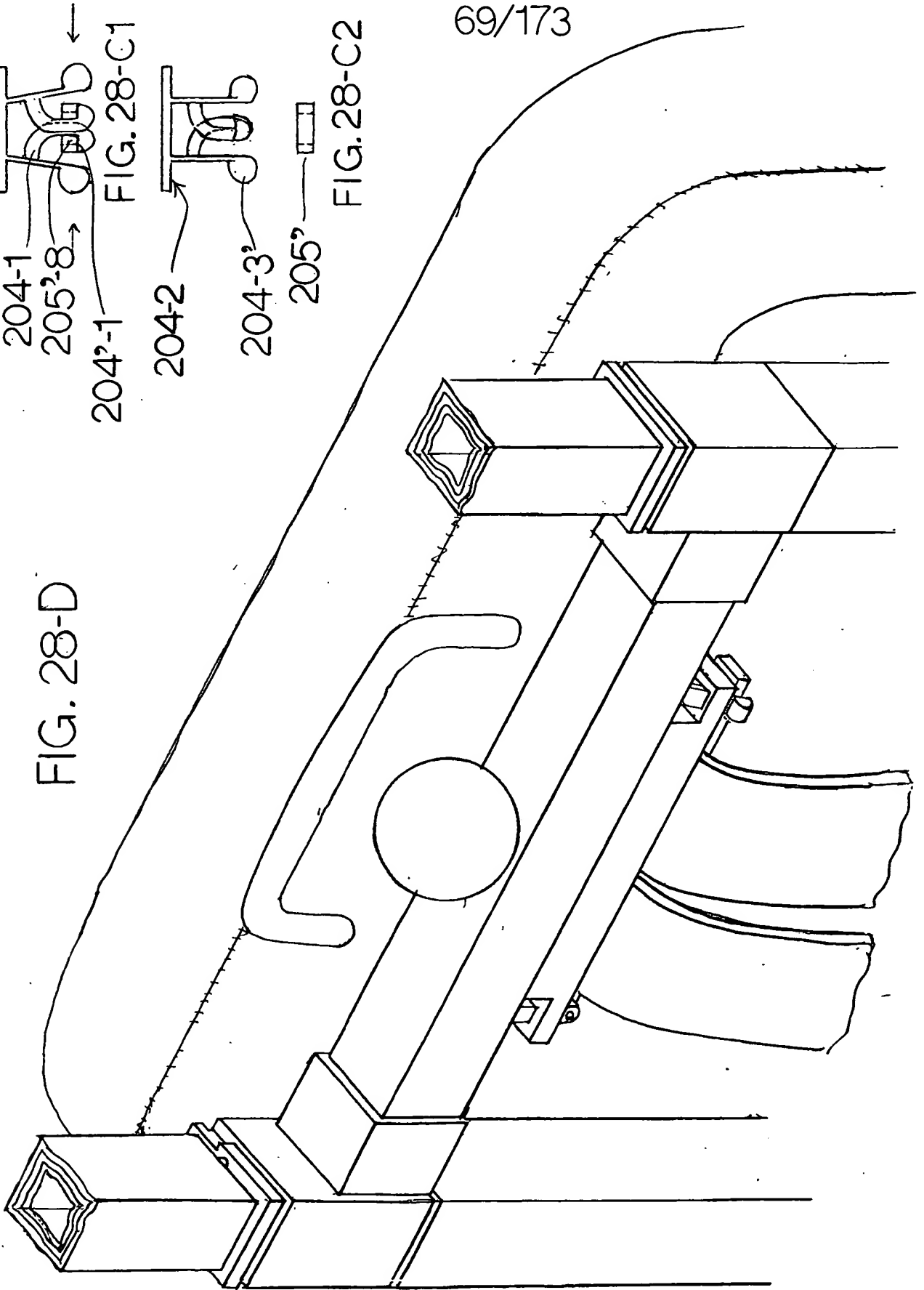


FIG. 28-C2



69/173

+

70/173

+

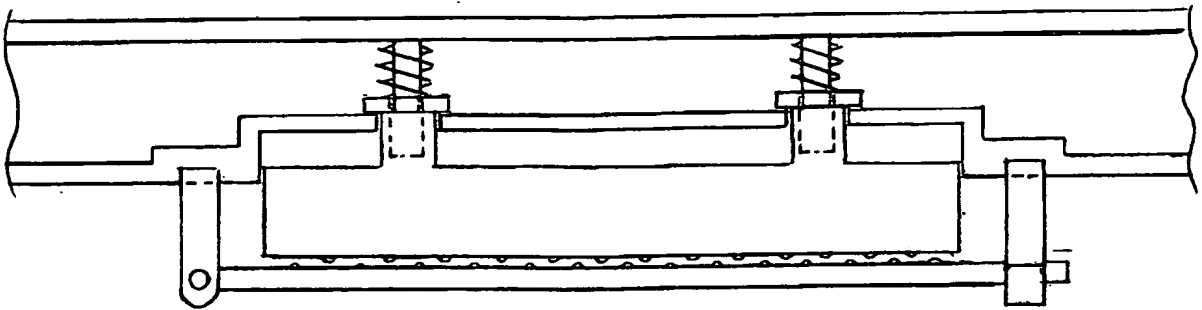


FIG. 29-A

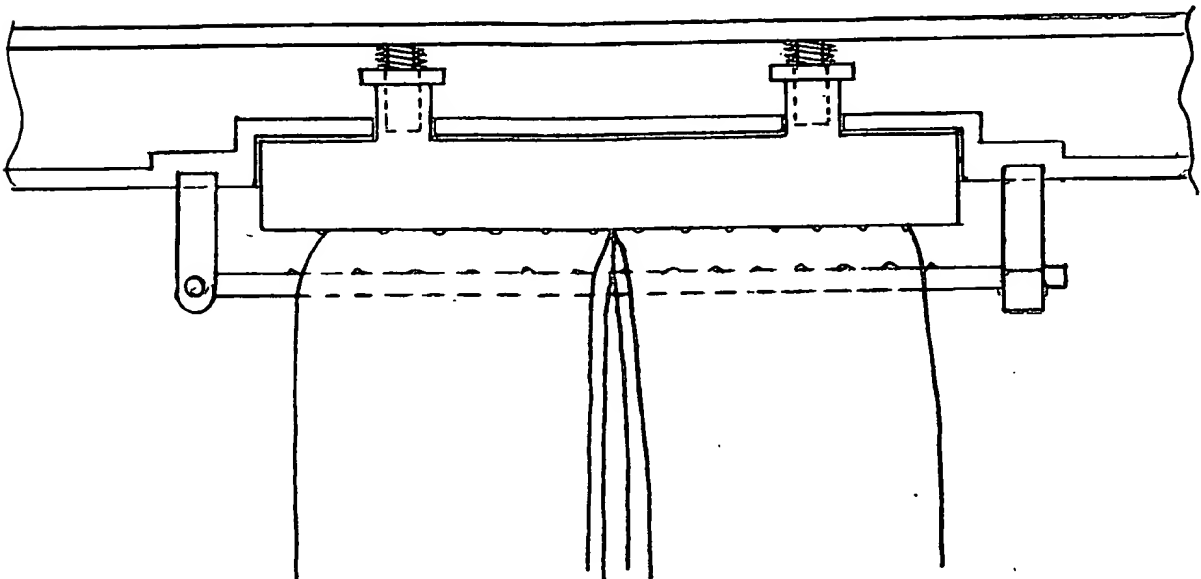


FIG. 29-B

+

71/173

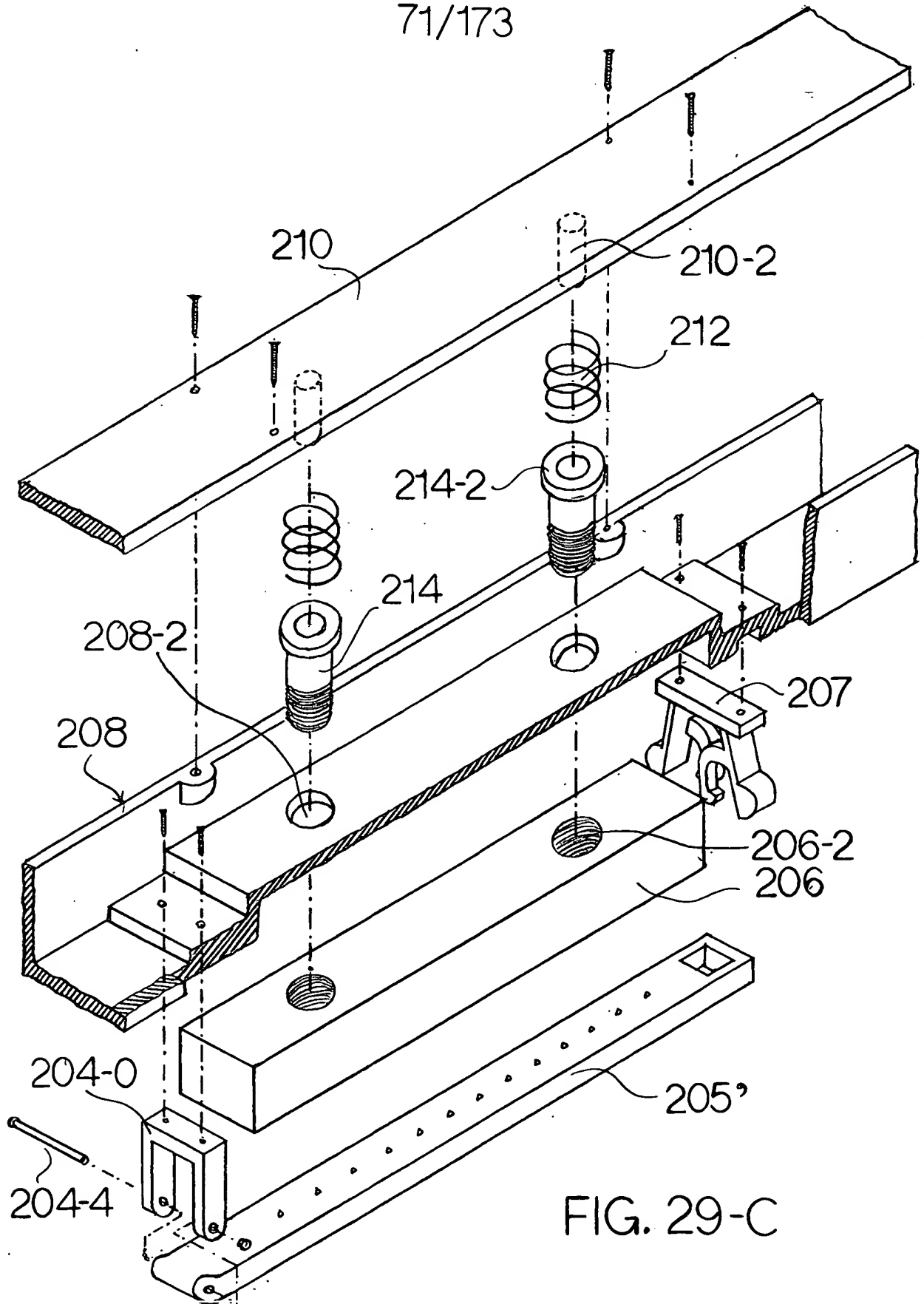


FIG. 29-C

72/173

FIG. 30-A

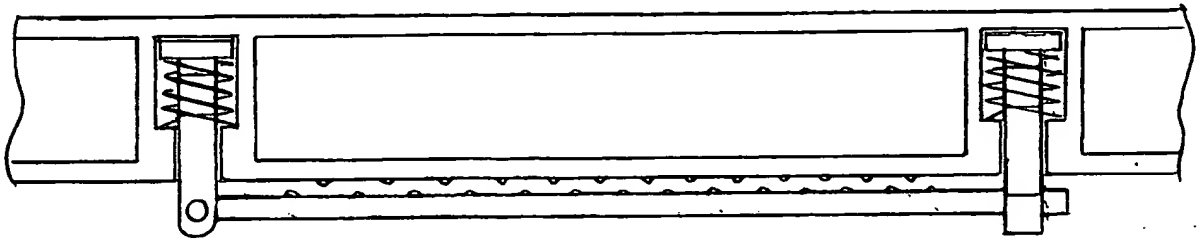


FIG. 30-B

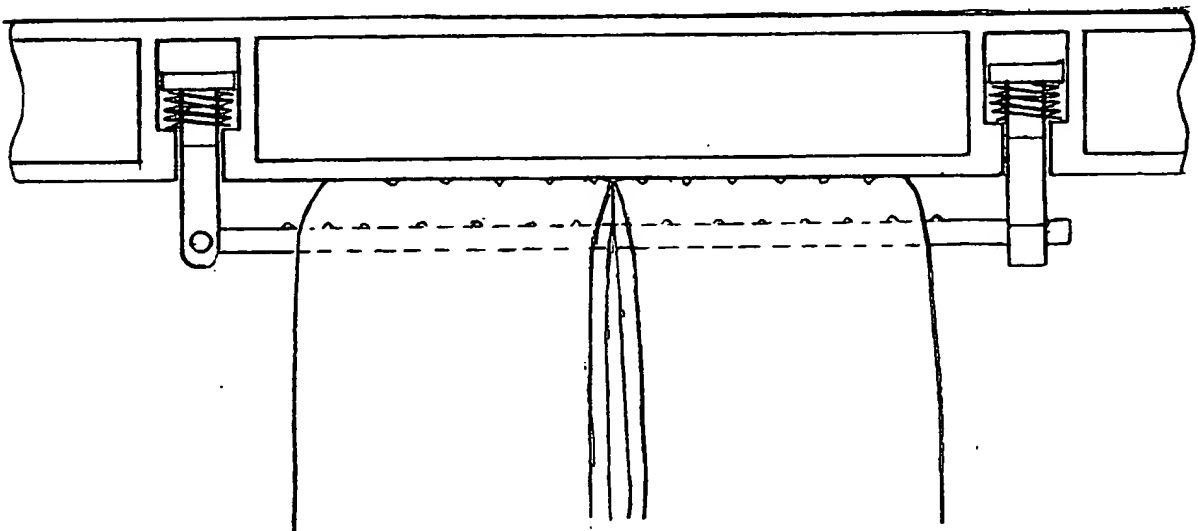


FIG. 30-C

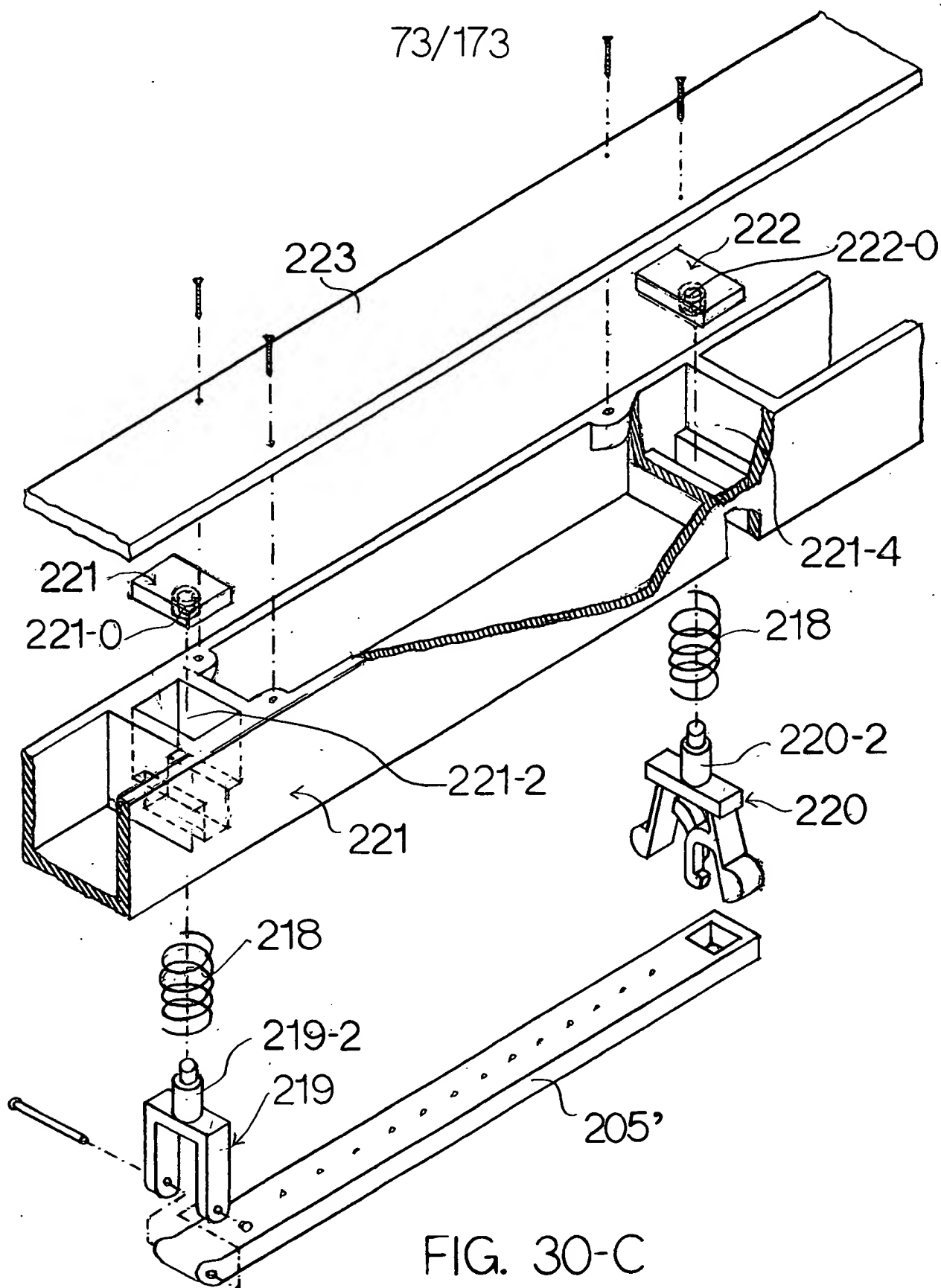


FIG. 30-C

74/173

+

FIG. 31-A

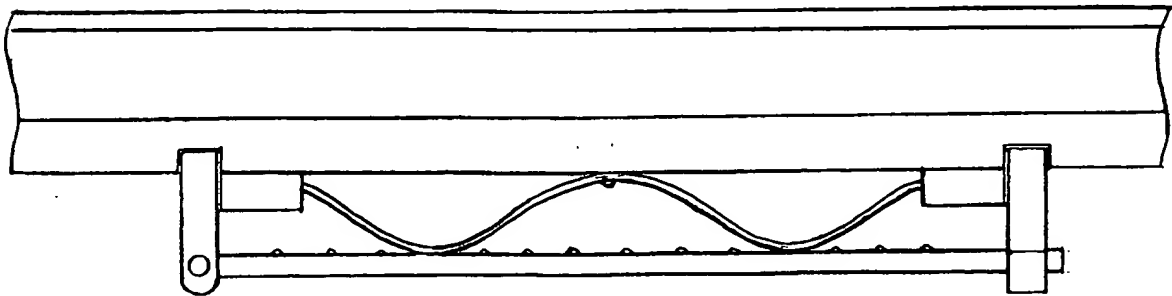


FIG. 31-B

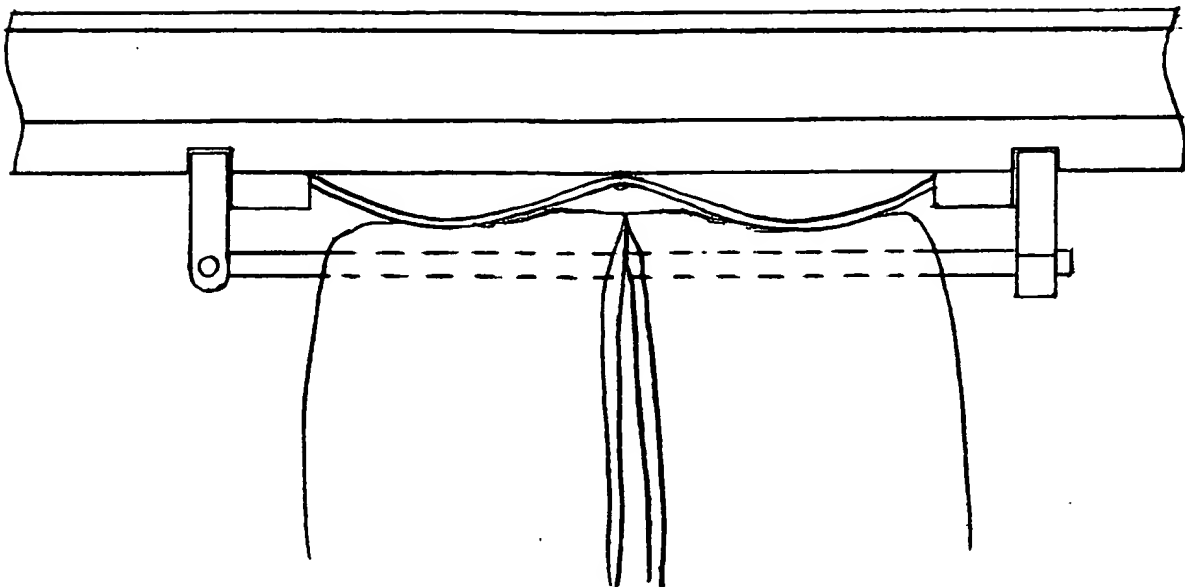


FIG. 31-A

+

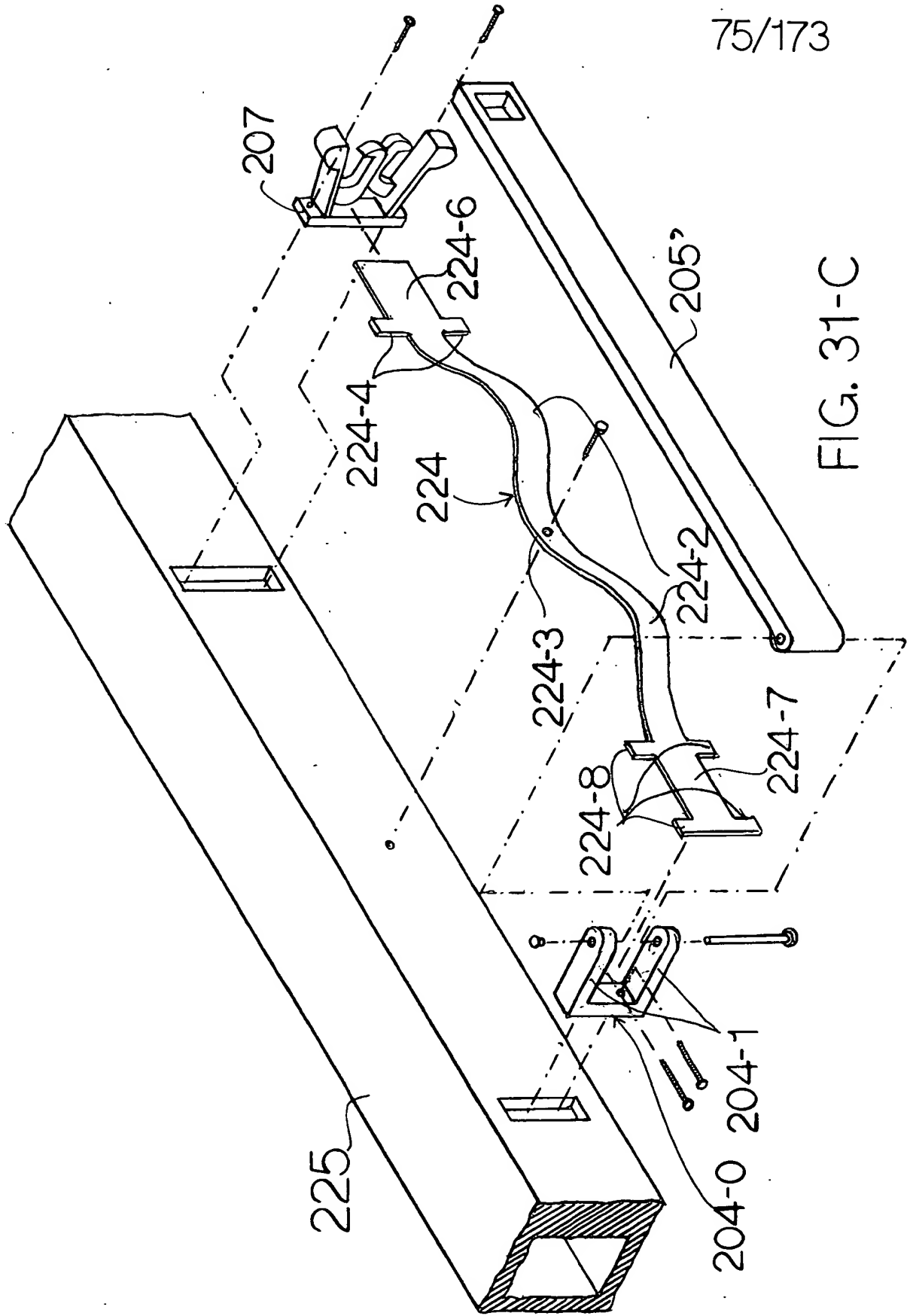
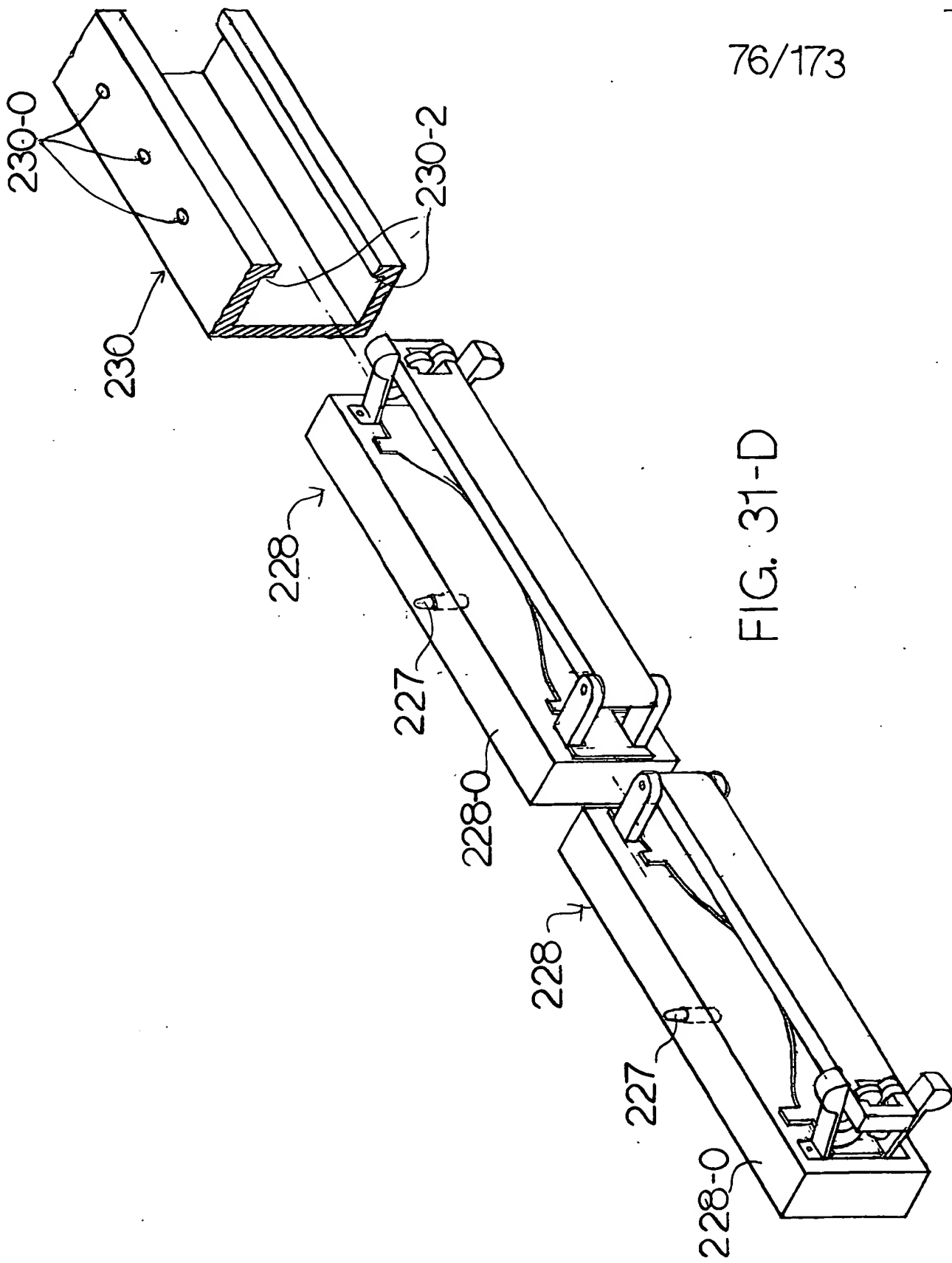


FIG. 31-C

FIG. 31-D



76/173

FIG. 31-D

77/173

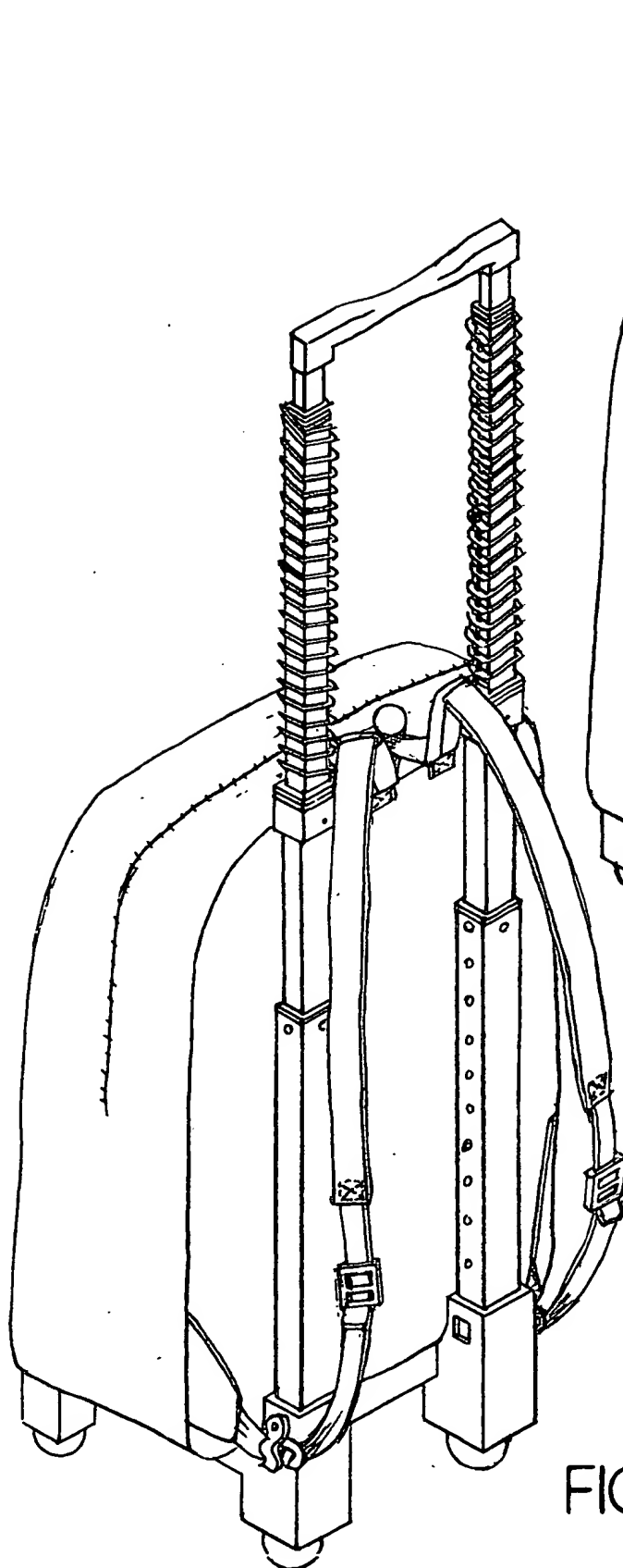


FIG. 32-A

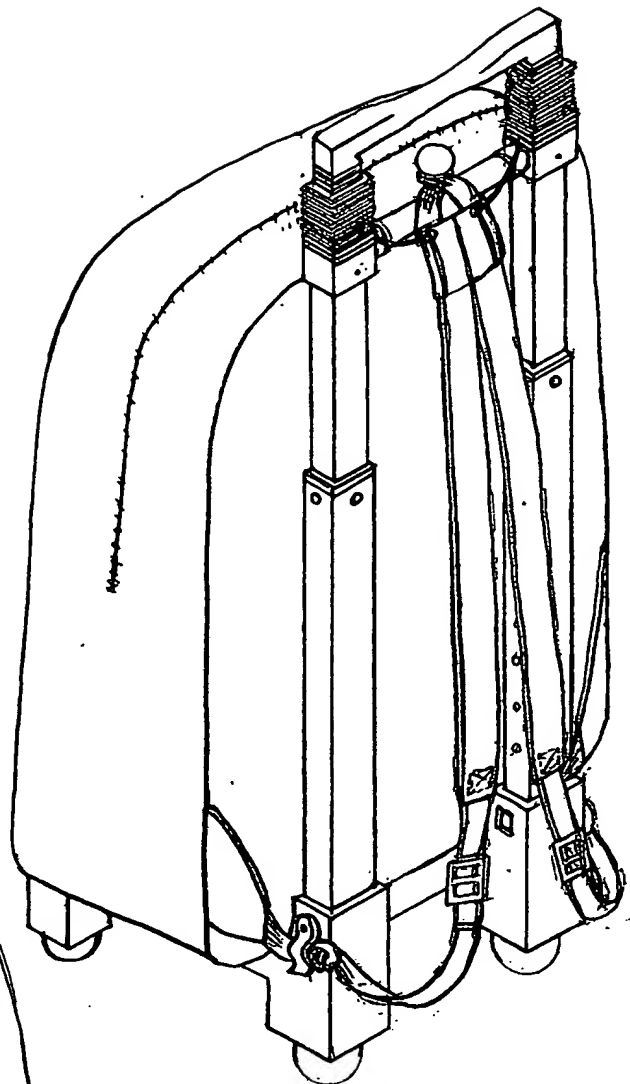


FIG. 32-B

78/173

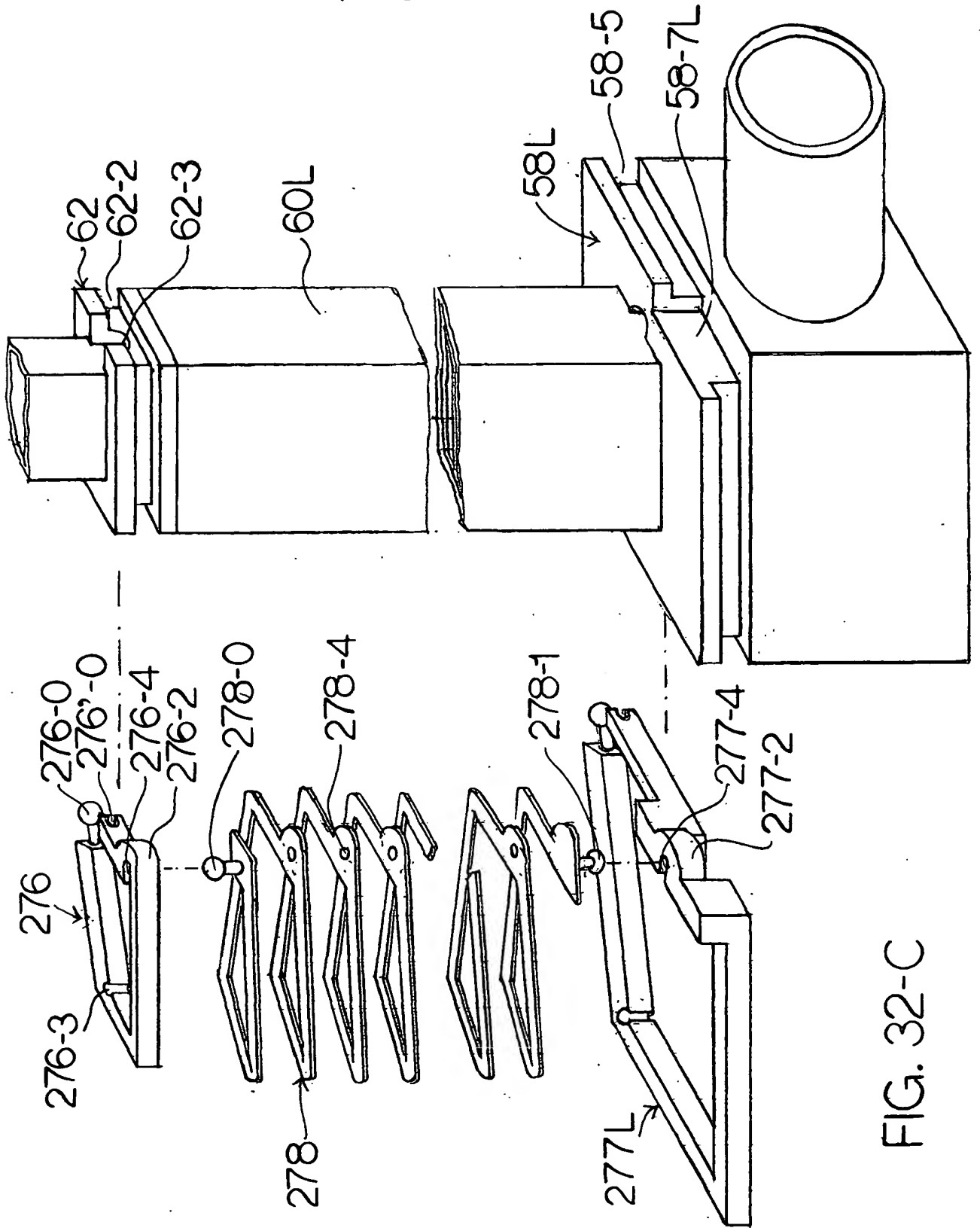


FIG. 32-C

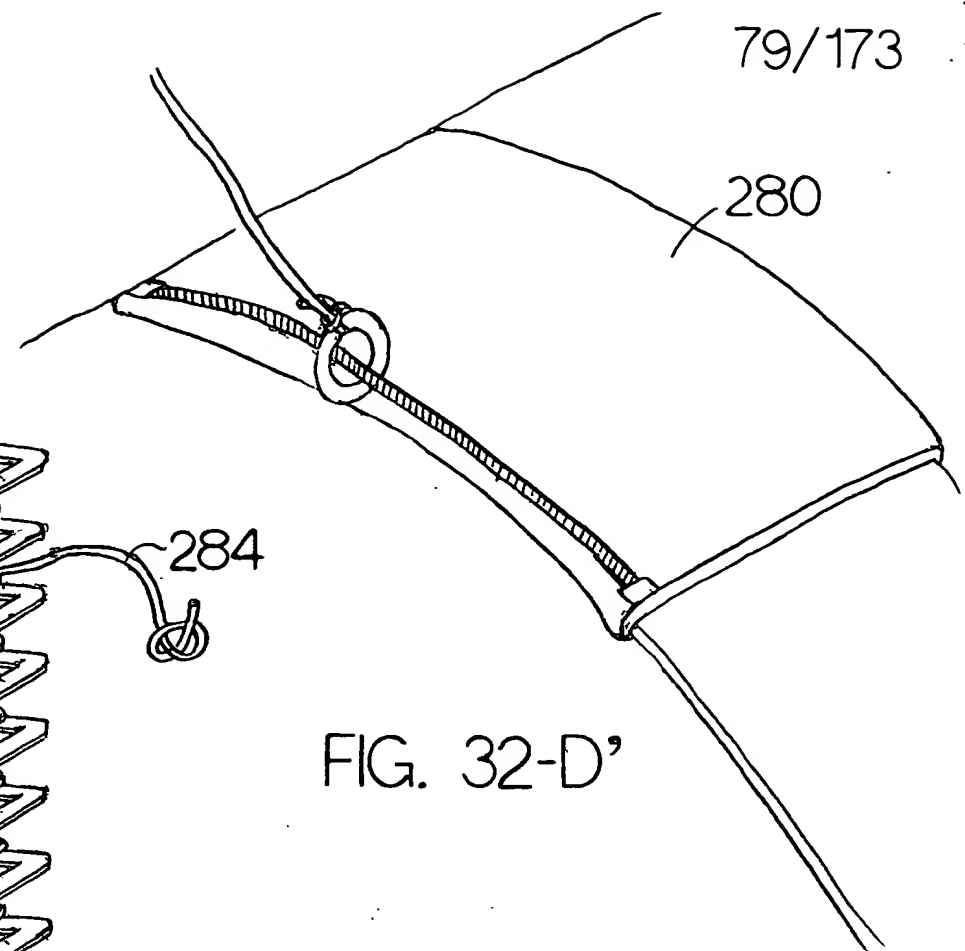


FIG. 32-D'

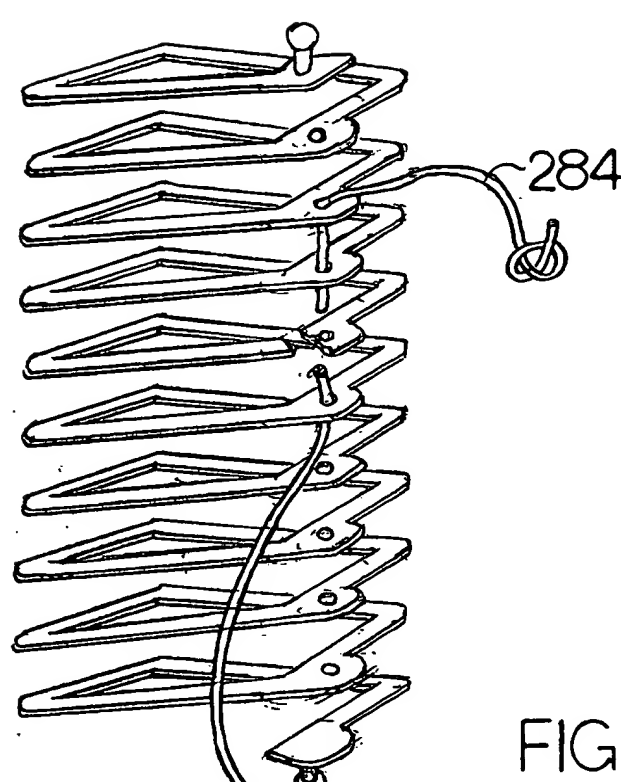
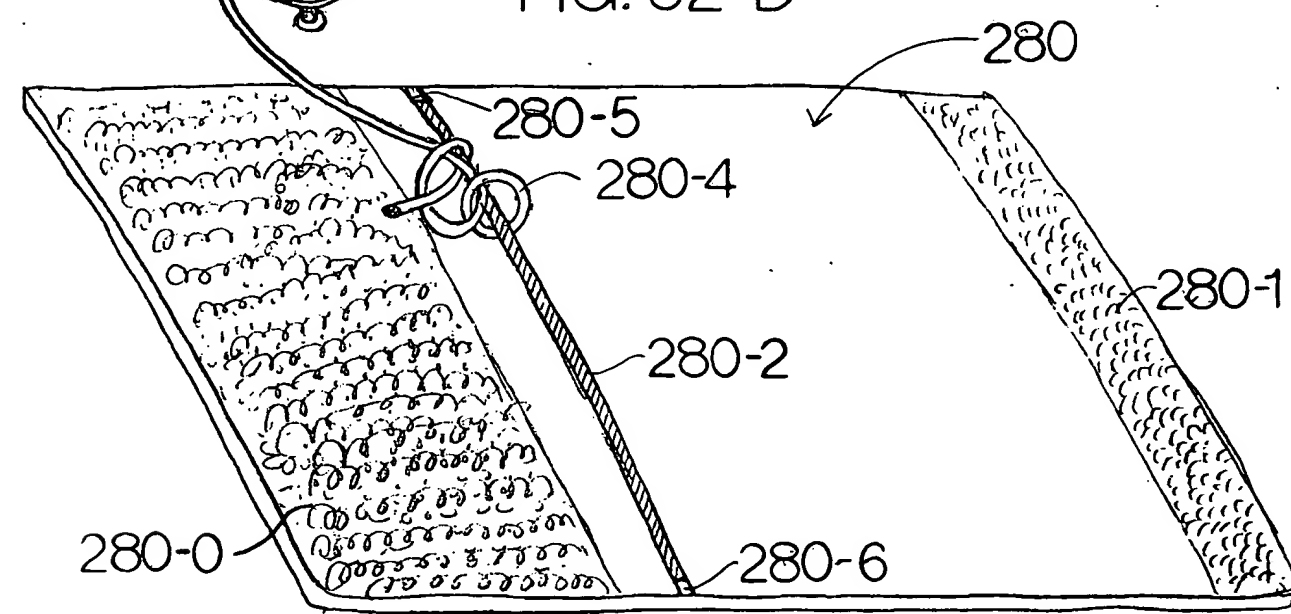


FIG. 32-D



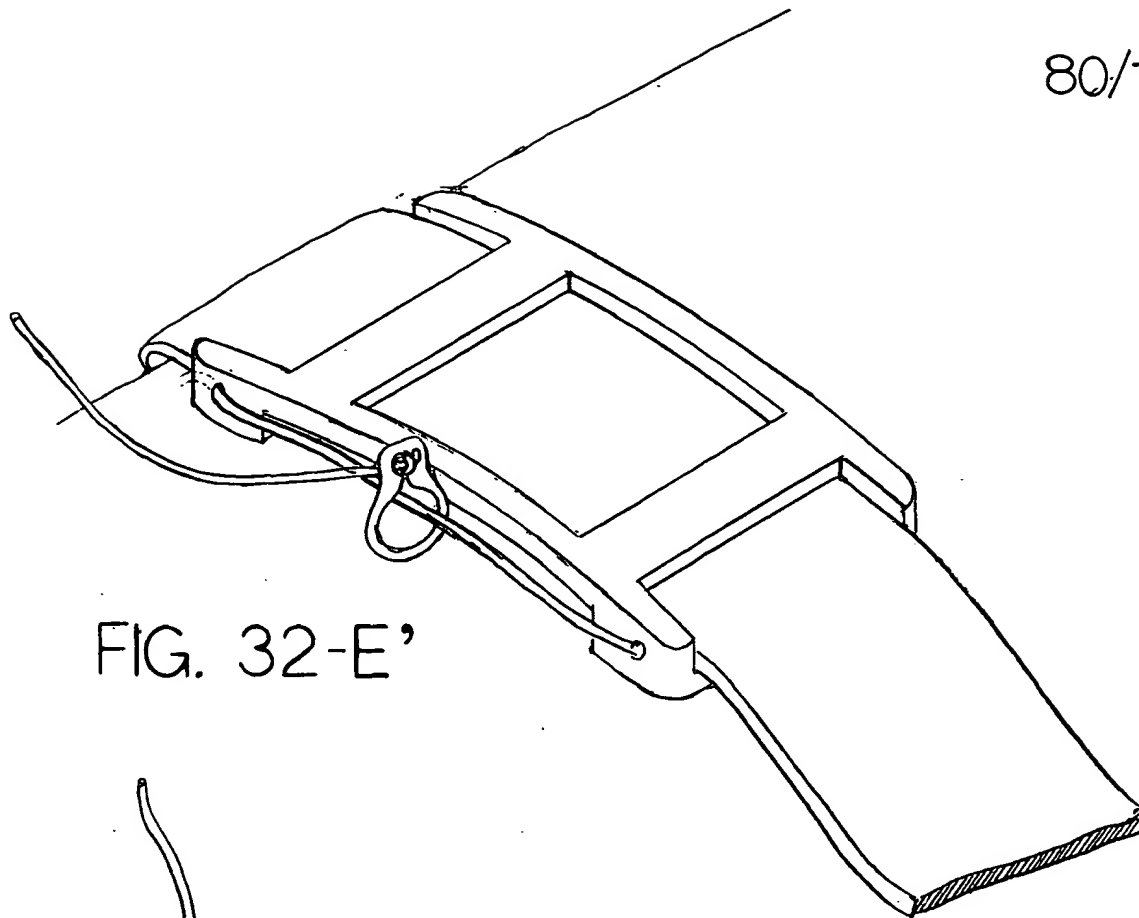


FIG. 32-E'

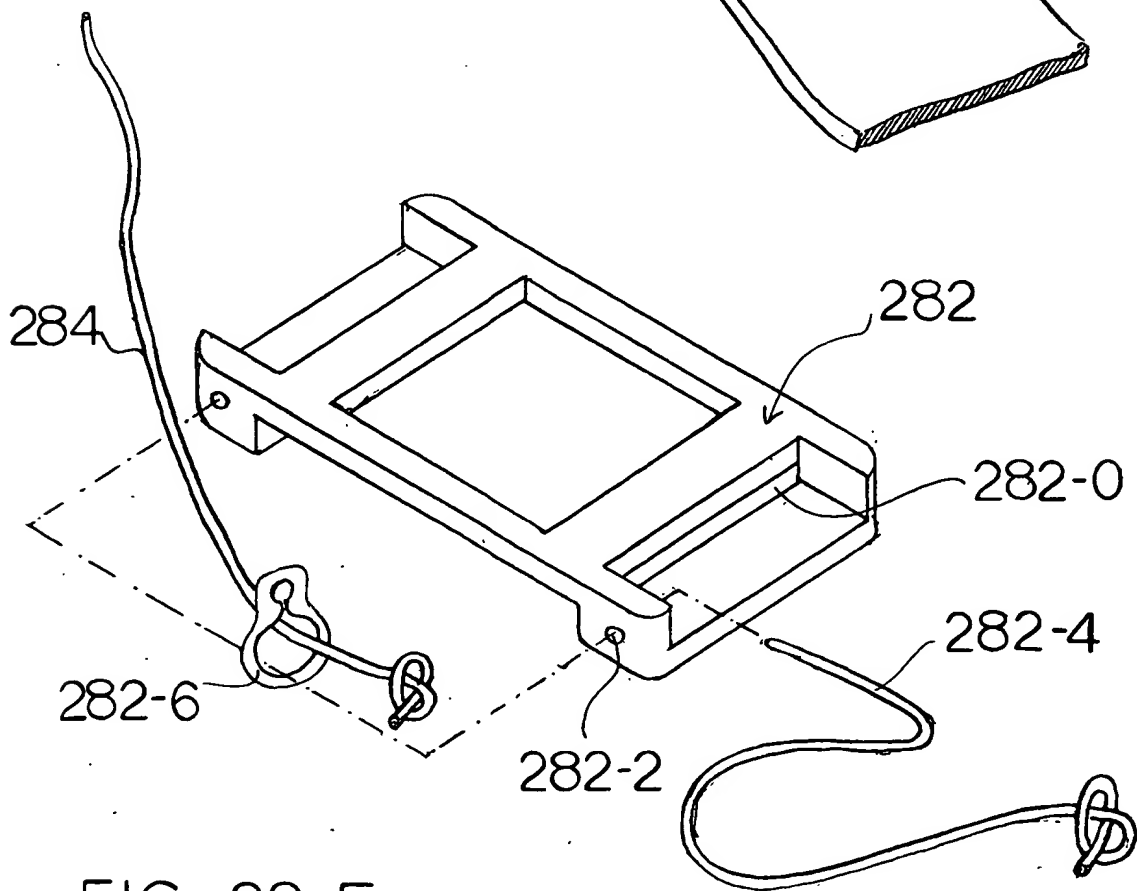


FIG. 32-E

+

81/173

FIG. 32-F'

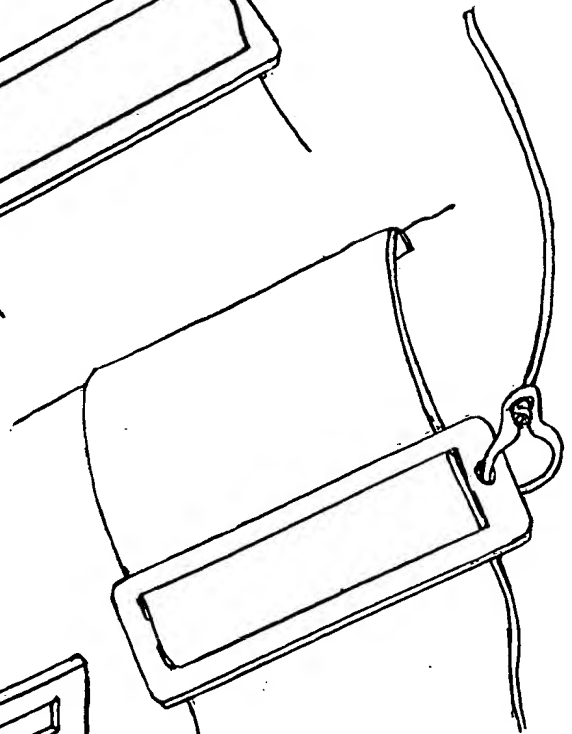
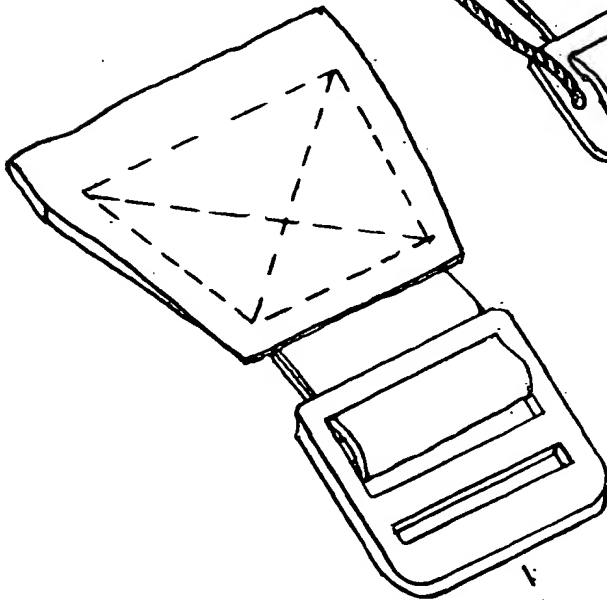
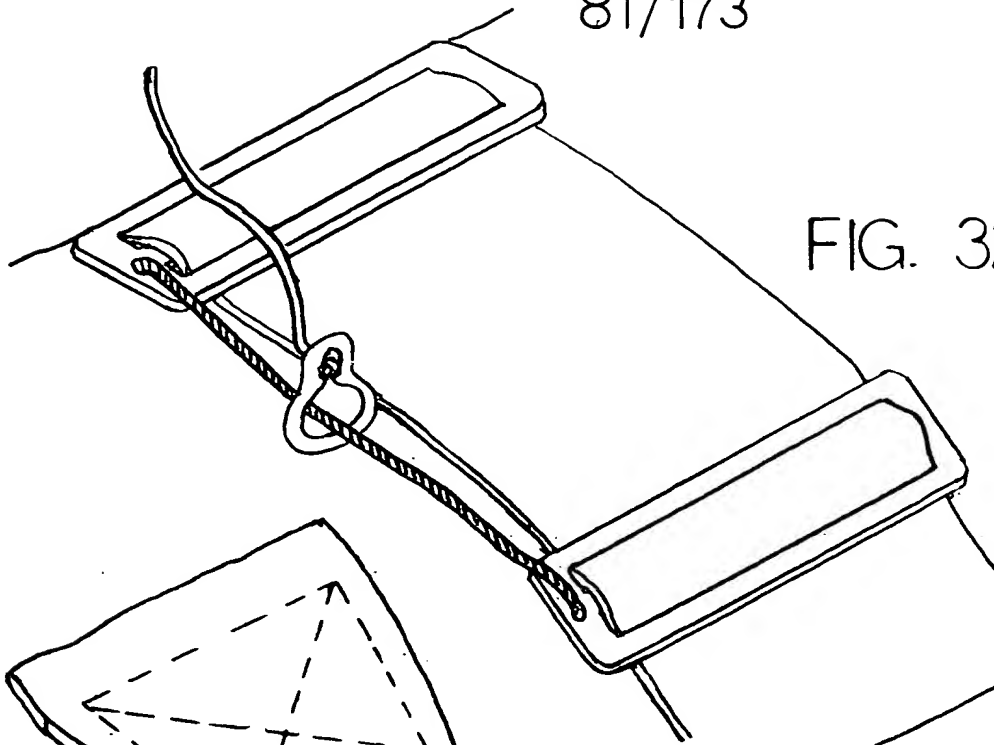
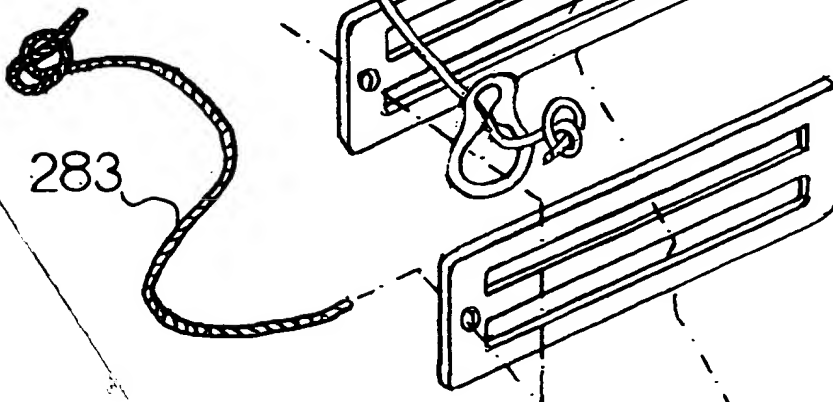


FIG. 32-F''



283

FIG. 32-F

+

FIG. 32-F

+

82/173

FIG. 32-G''

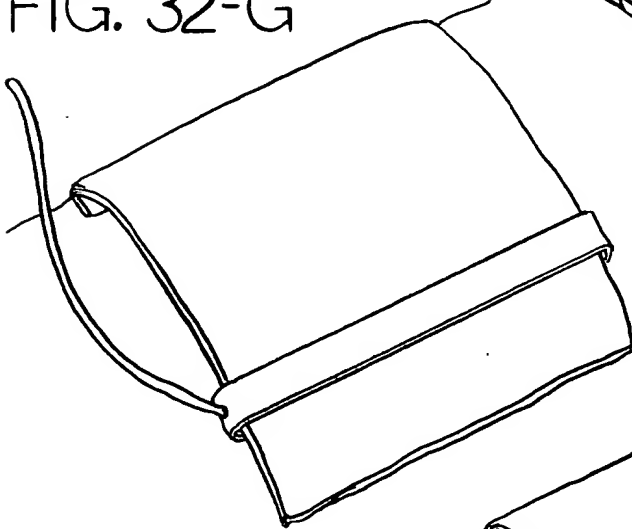


FIG. 32-G'

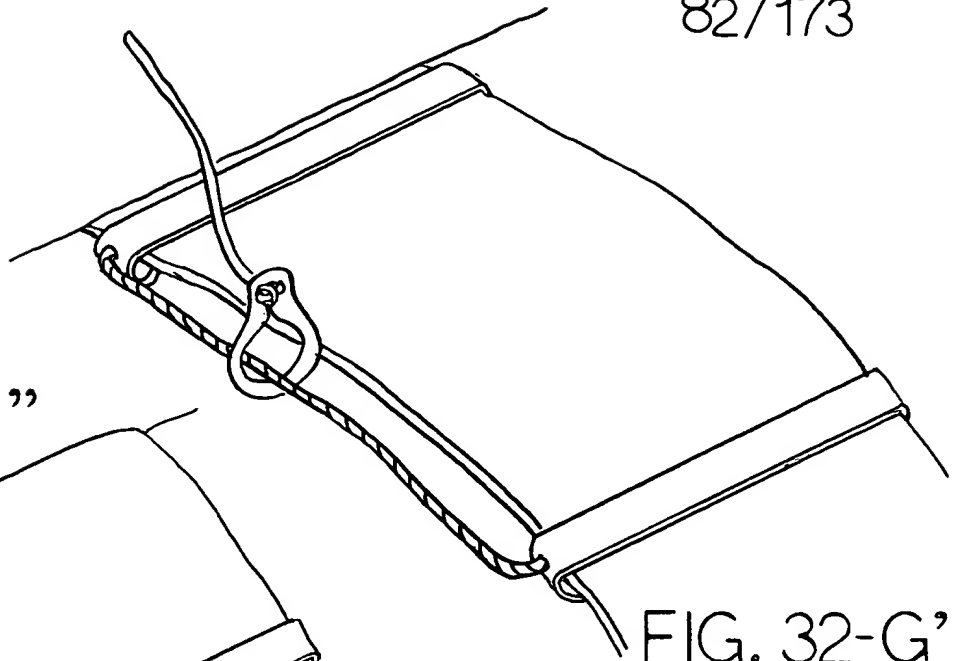


FIG. 32-G

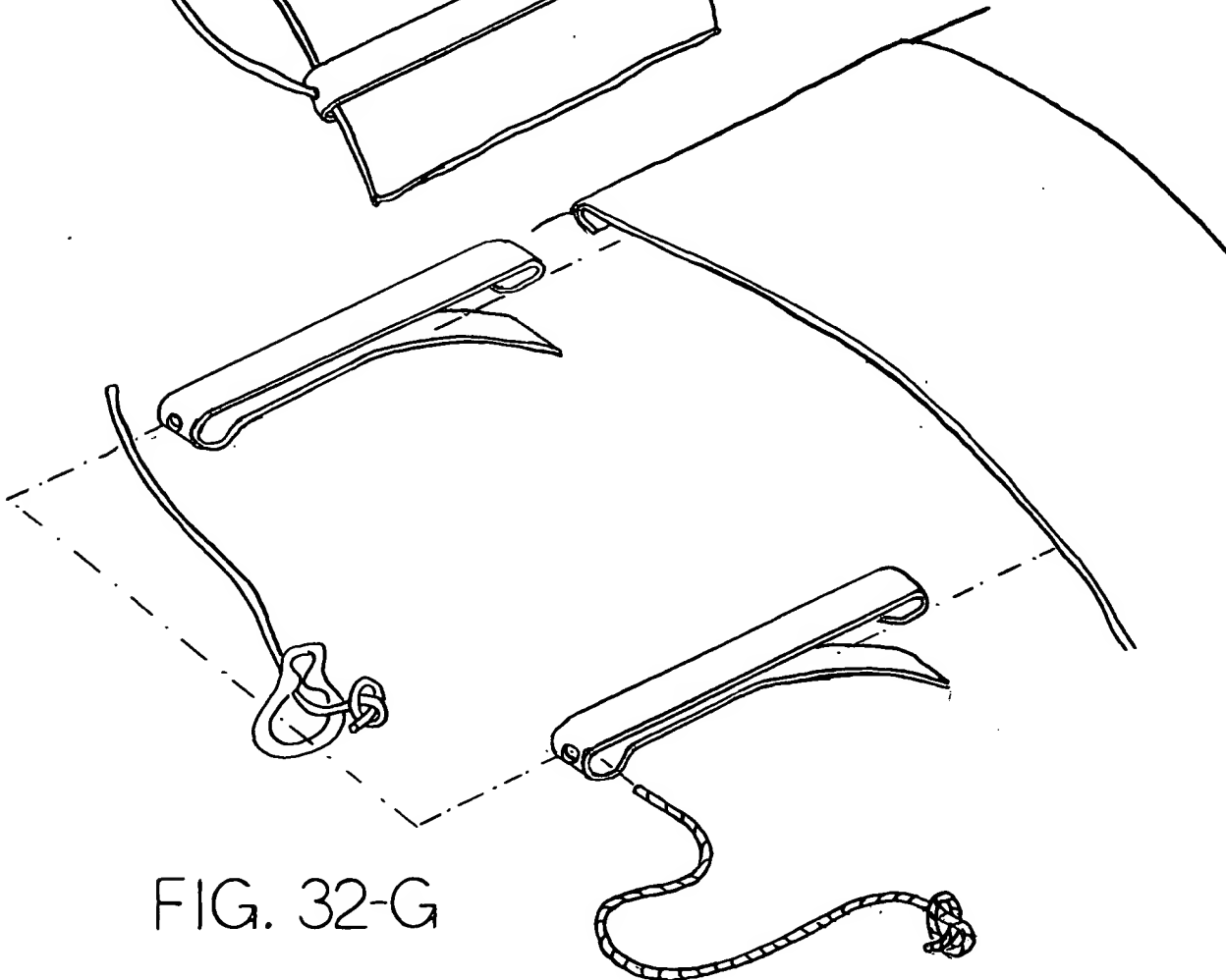


FIG. 32-G

+

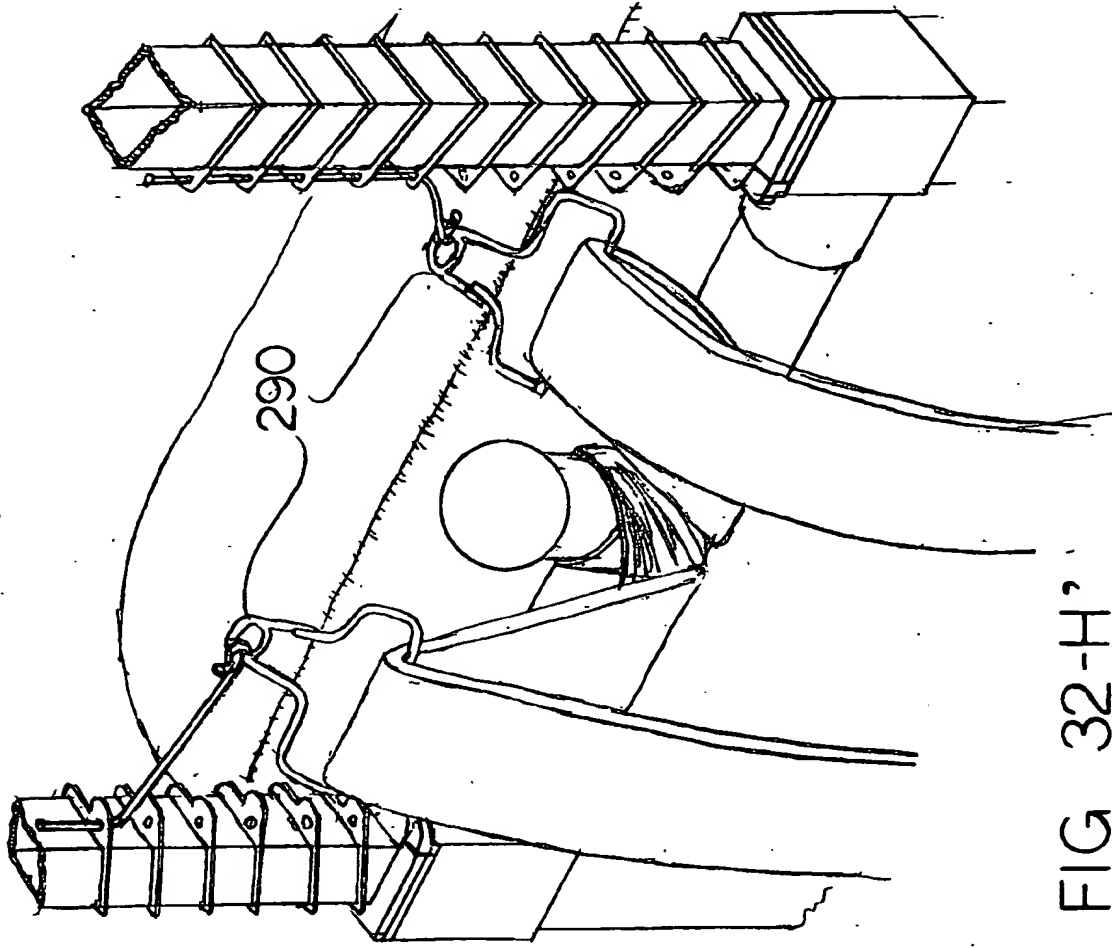


FIG. 32-H'

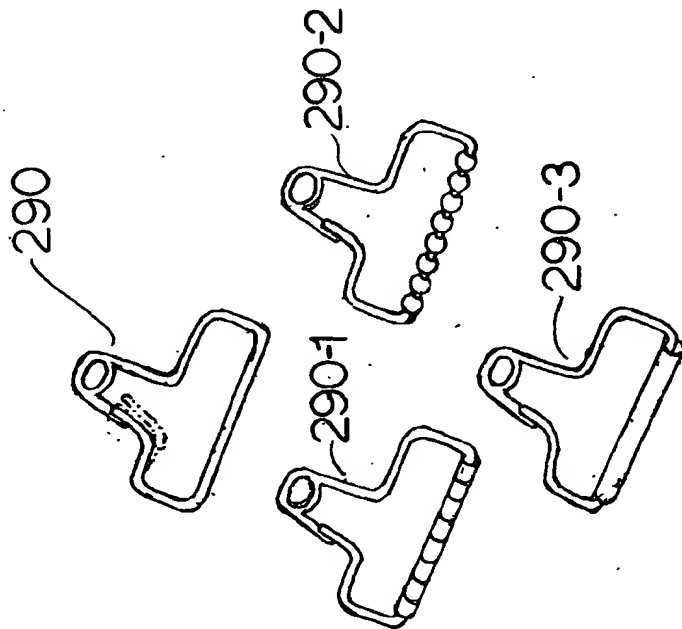


FIG. 32-H

84/173

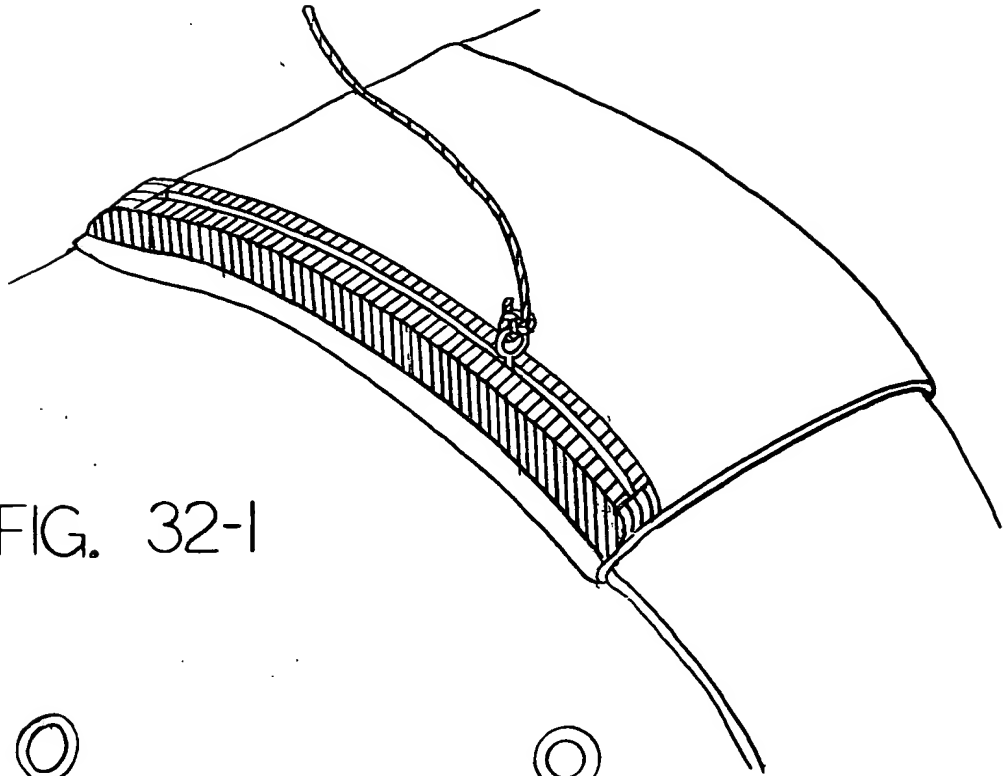


FIG. 32-1

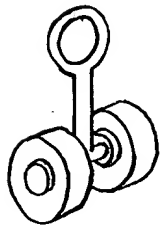


FIG. 32-1A

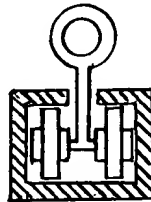


FIG. 32-1A'



FIG. 32-1B



FIG. 32-1B'

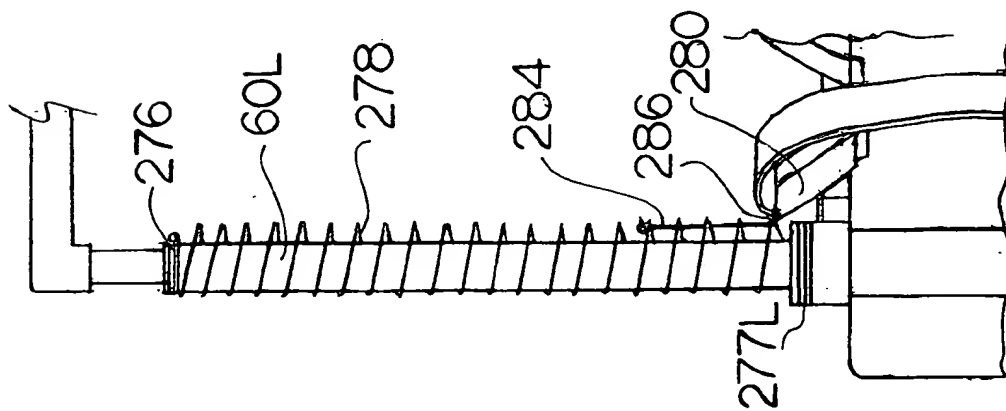


FIG. 32-JA

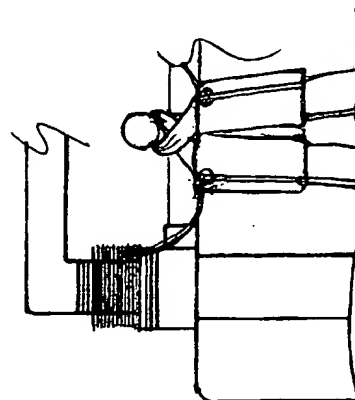


FIG. 32-JA'

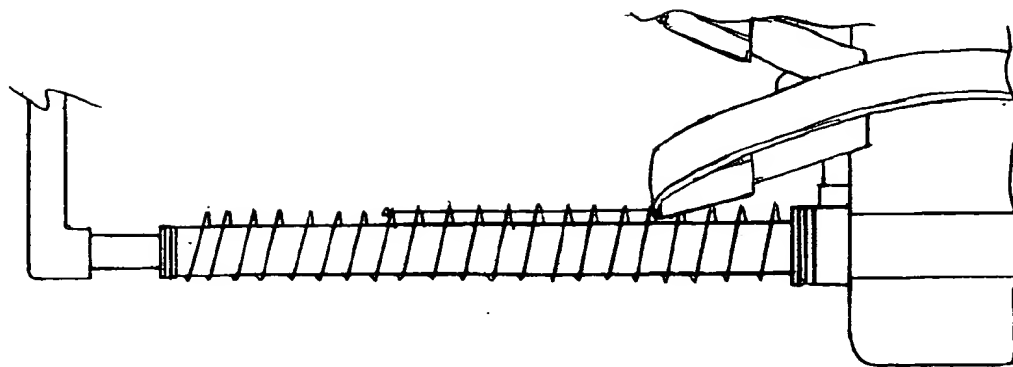


FIG. 32-JB

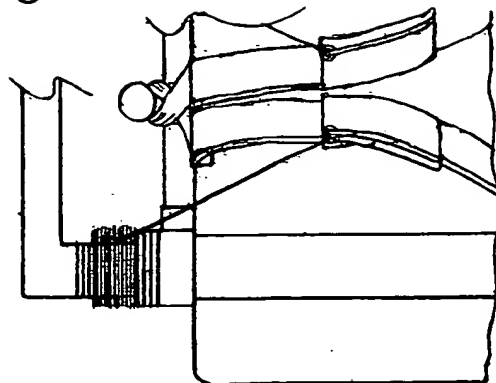


FIG. 32-JB'

+

FIG. 32-JC

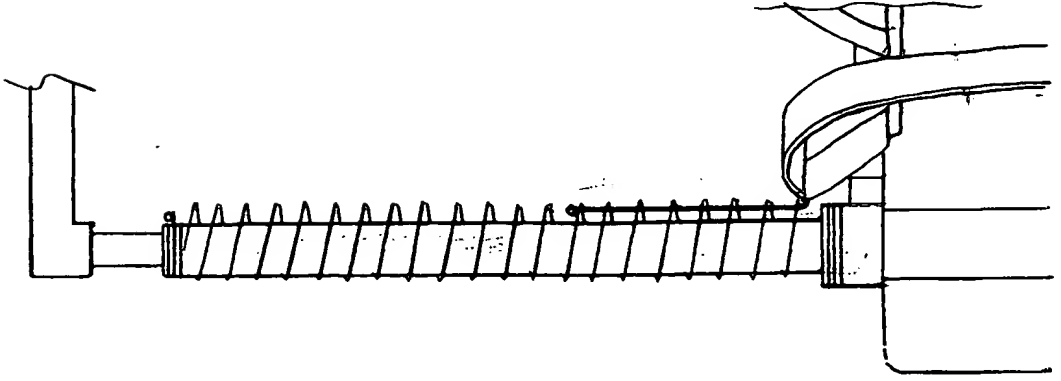


FIG. 32-JC

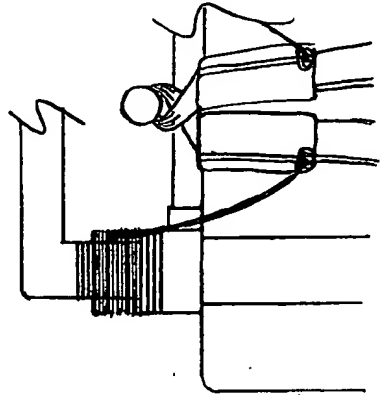


FIG. 32-JC'

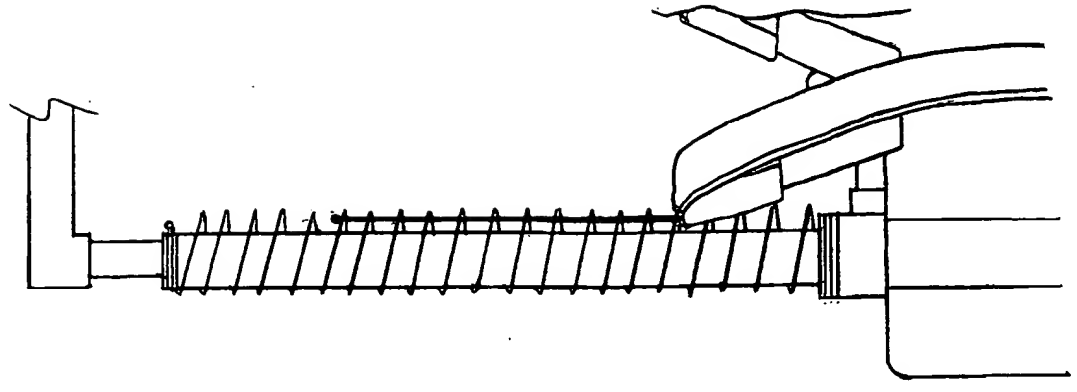


FIG. 32-JD

86/173

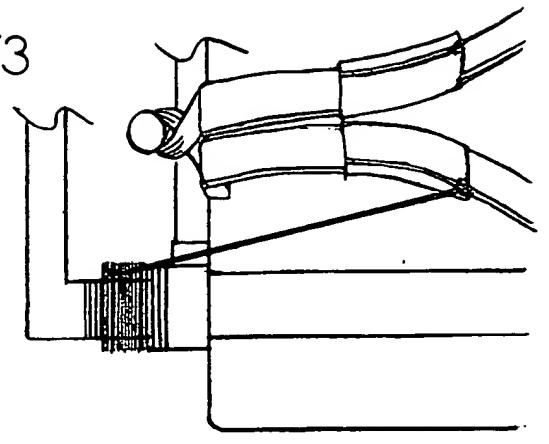


FIG. 32-JD' +

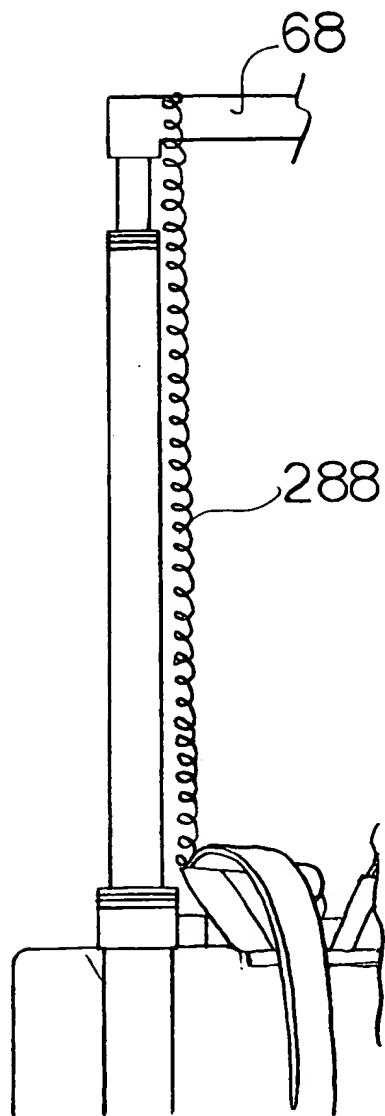


FIG. 32-JE

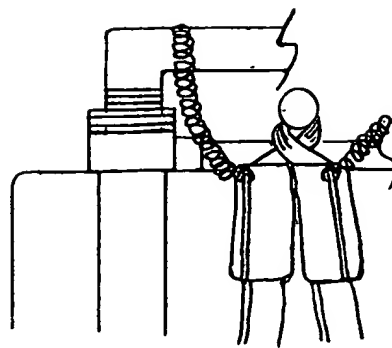


FIG. 32-JE'

+

FIG. 32-L

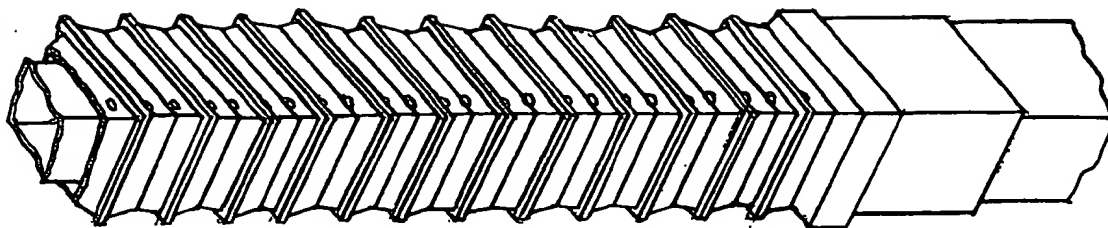


FIG. 32-K

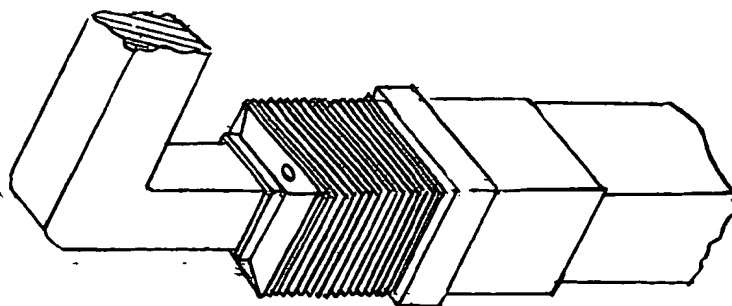
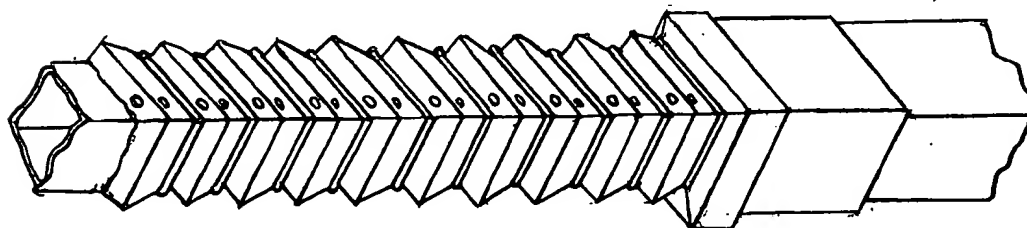


FIG. 32-L'

FIG. 32-K'

+

FIG. 32-M

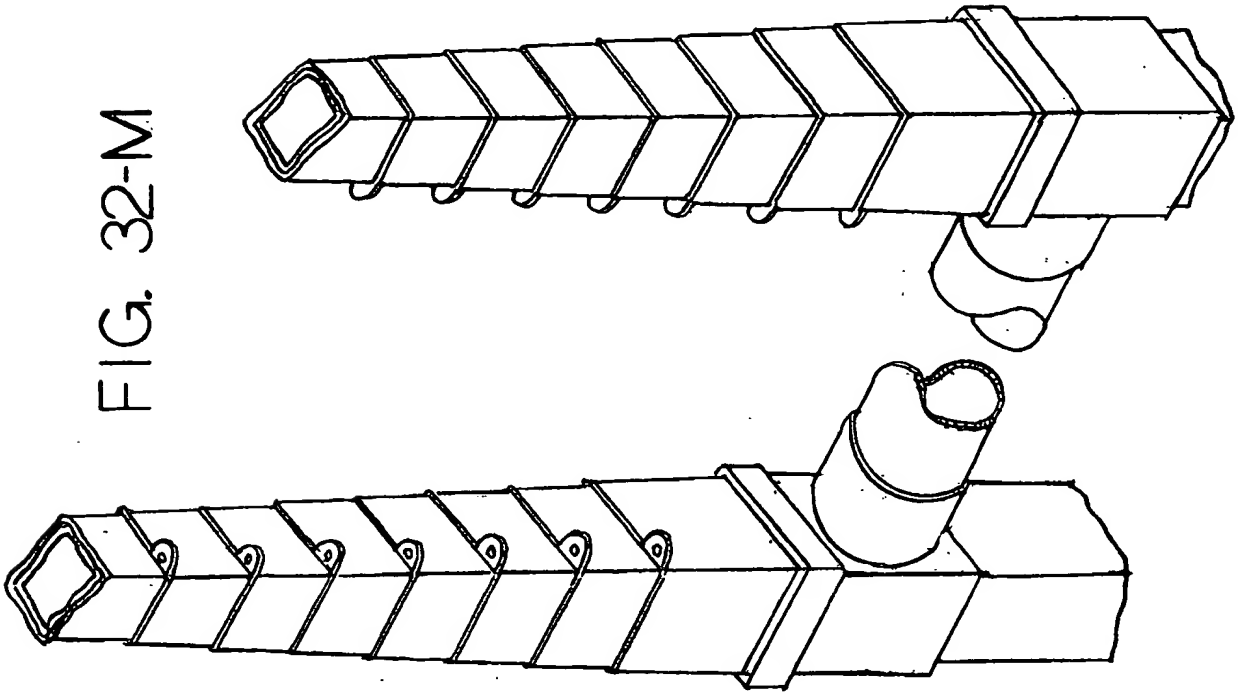
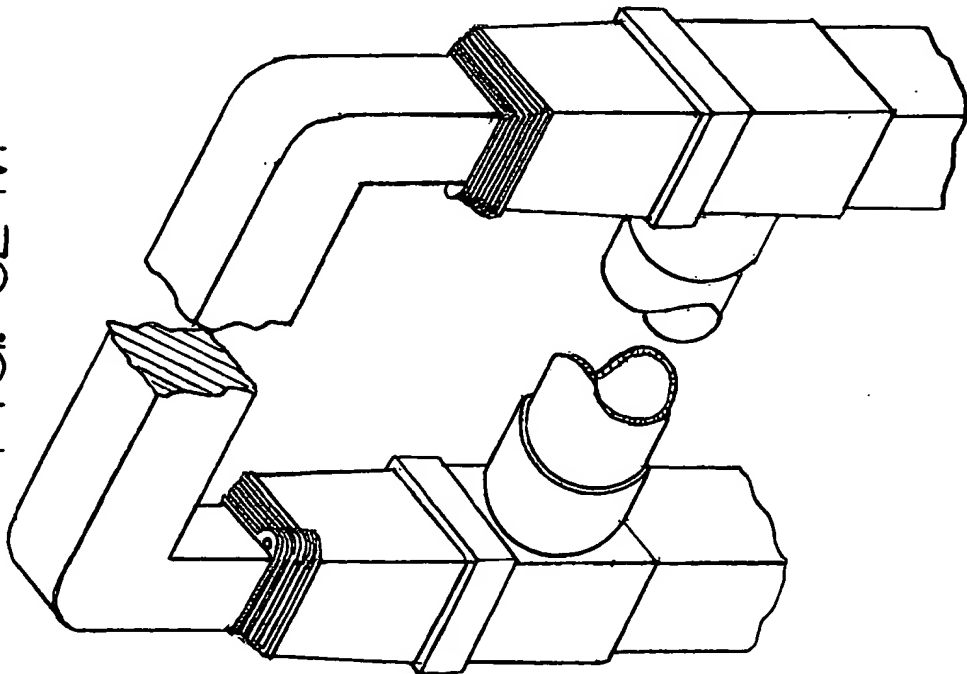


FIG. 32-M'



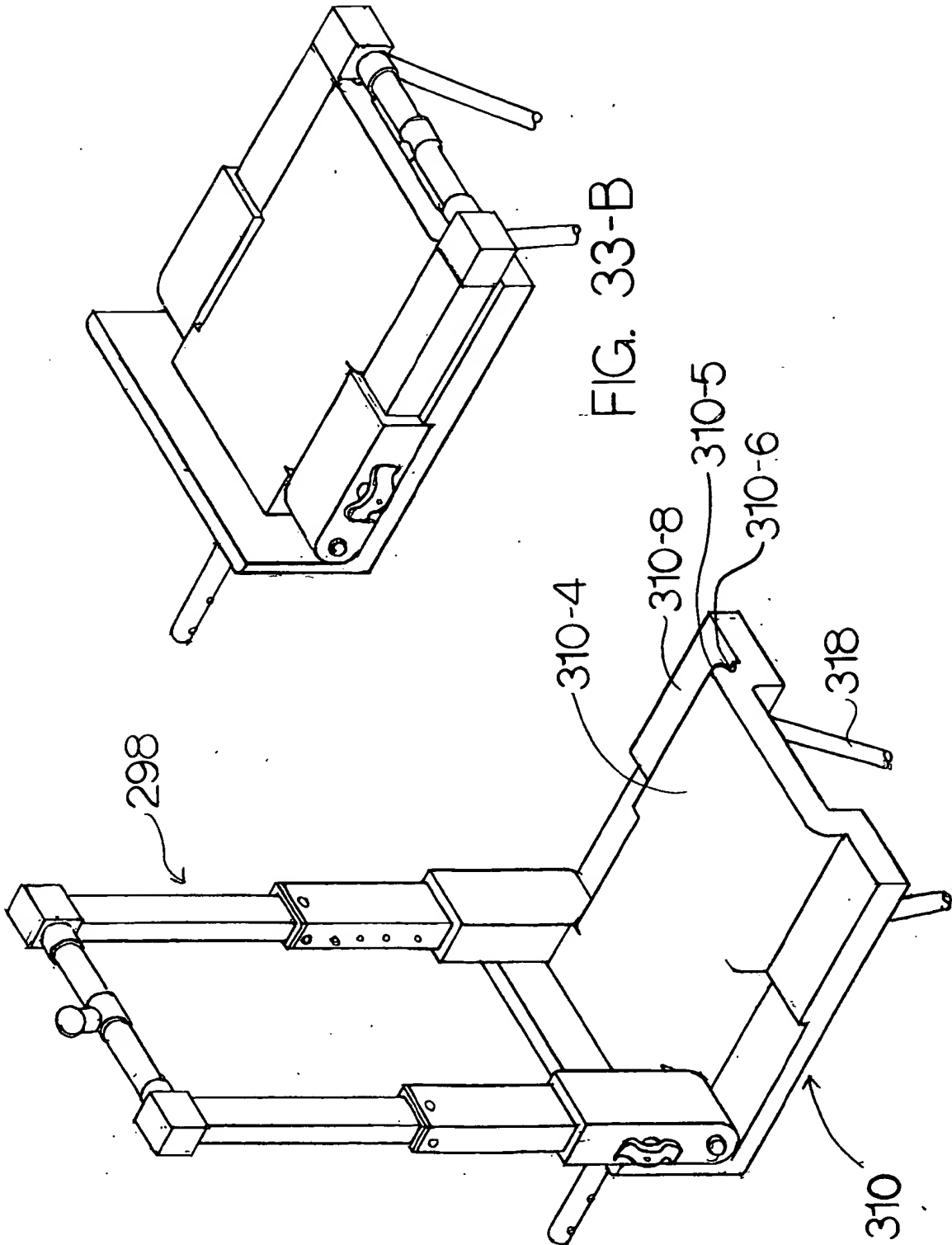


FIG. 33-B

FIG. 33-A

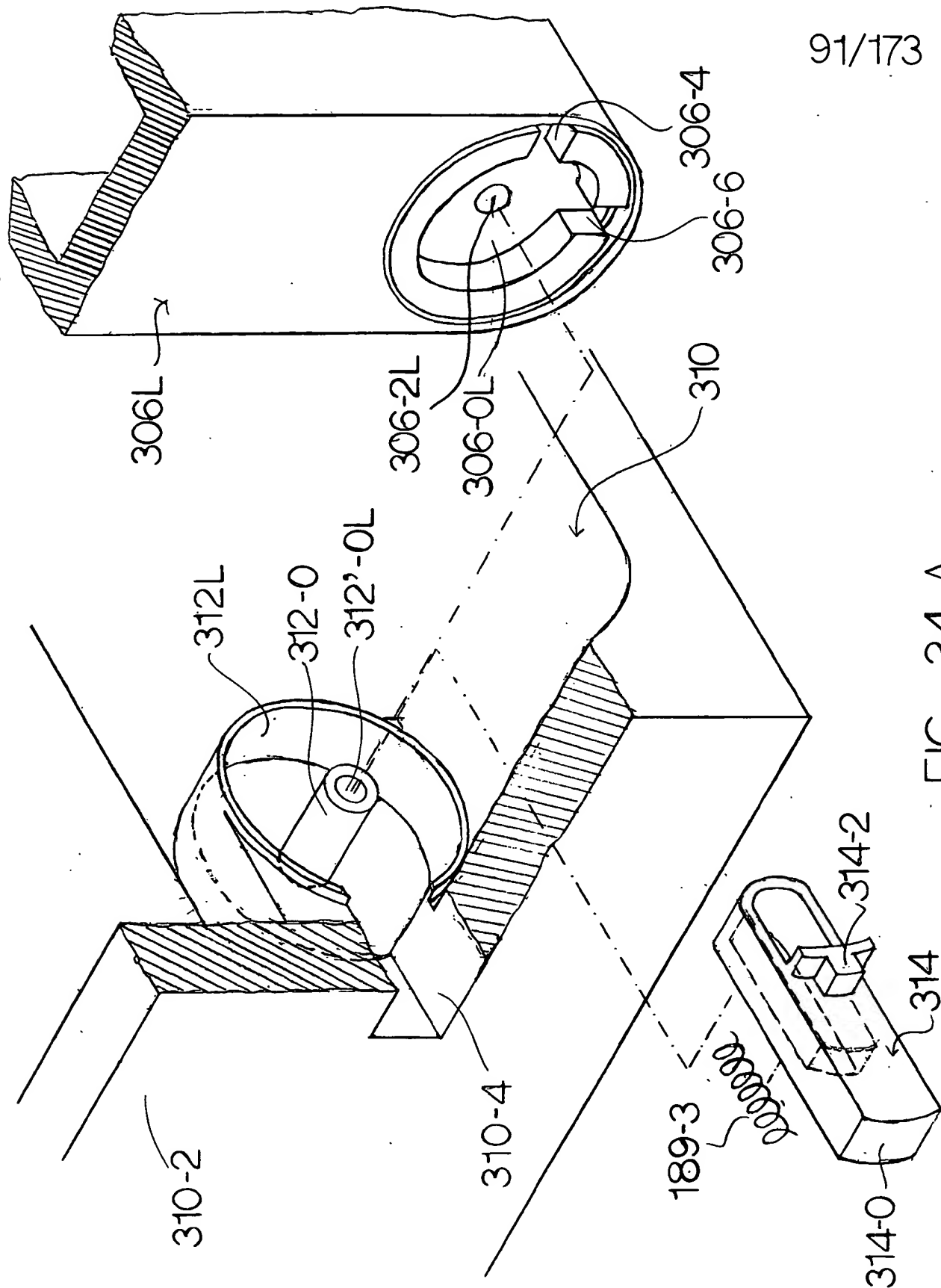


FIG. 34-A

+

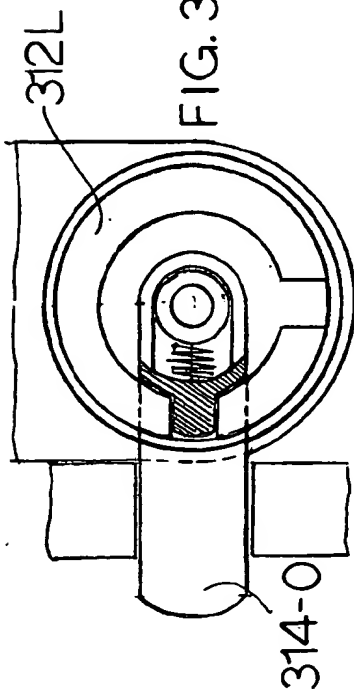


FIG. 34-B1

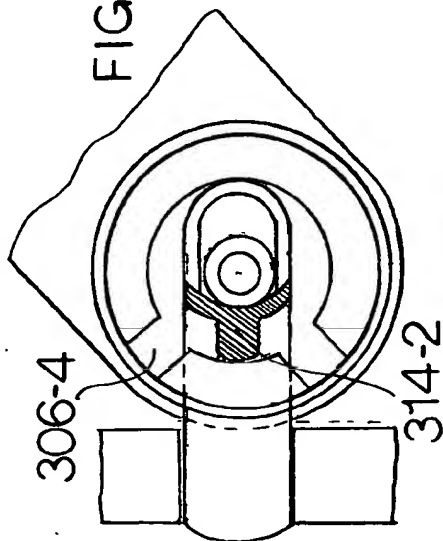


FIG. 34-B2

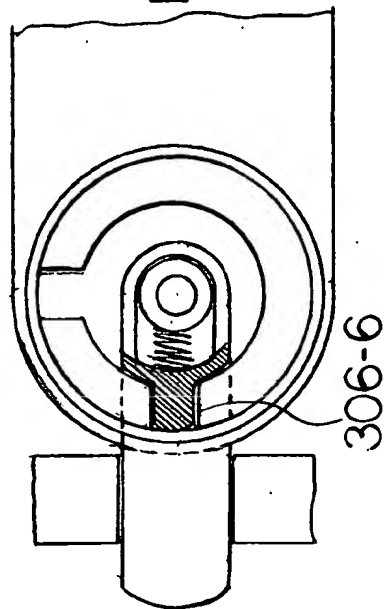


FIG. 34-B3

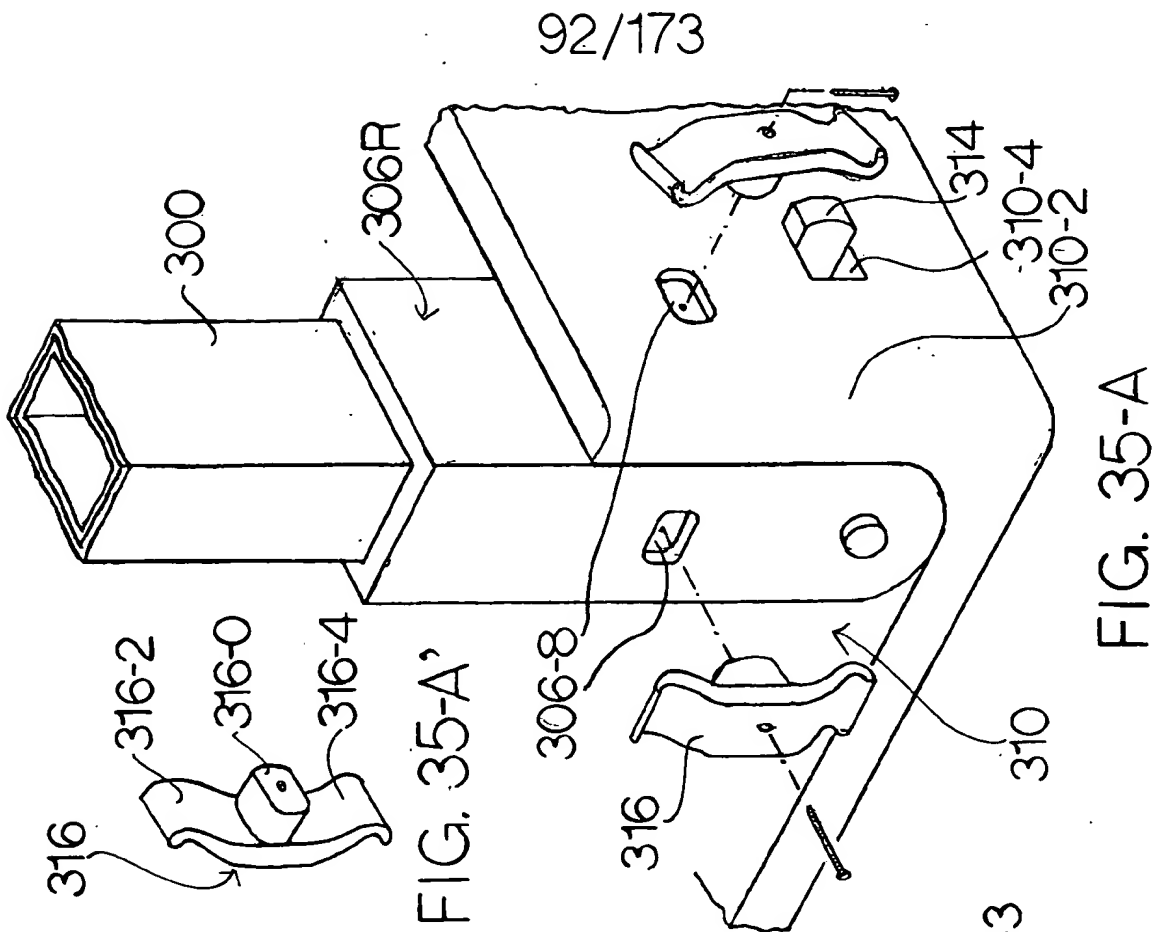


FIG. 35-A'

FIG. 35-A

+

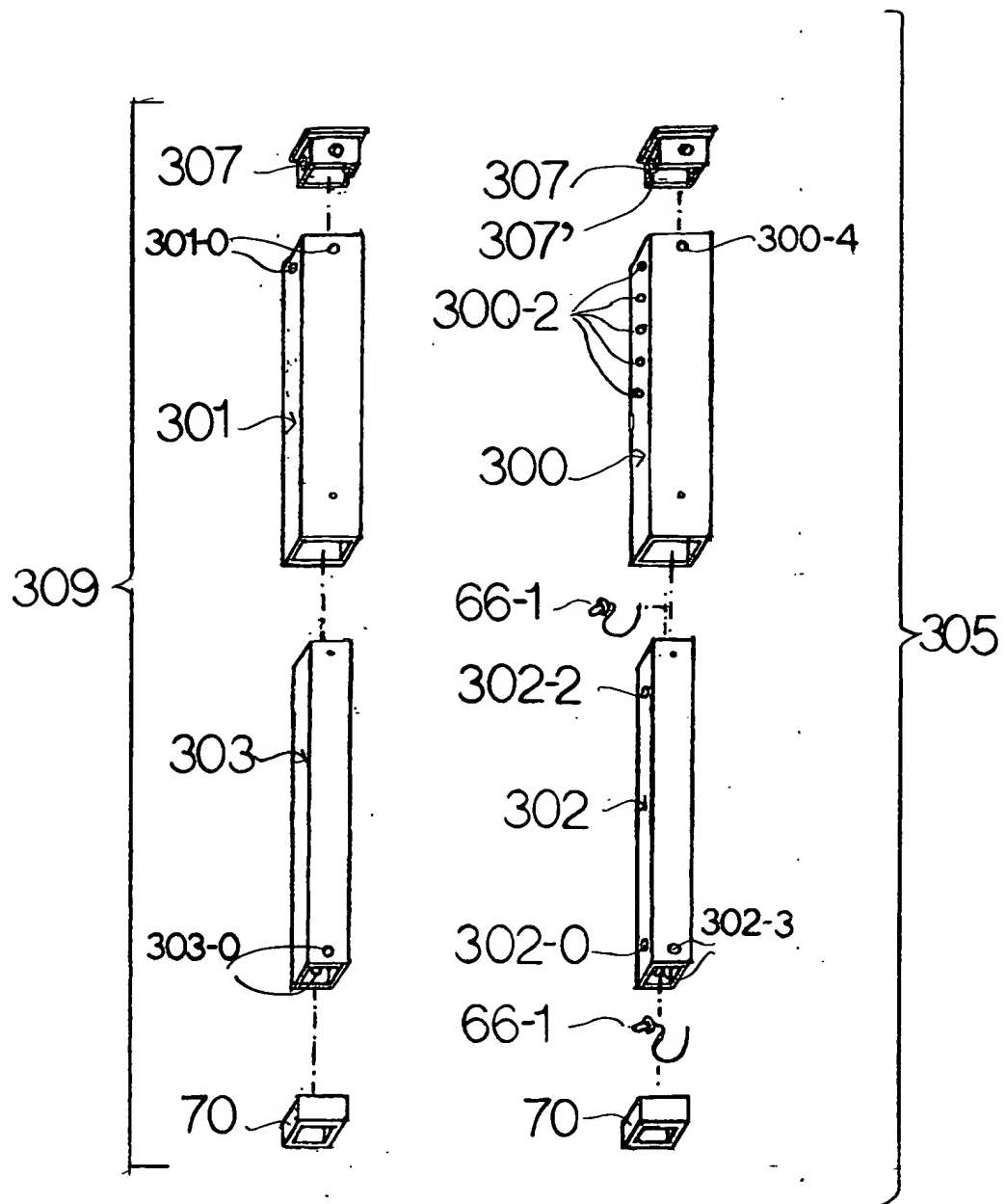
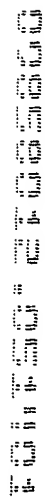


FIG. 36-A



+

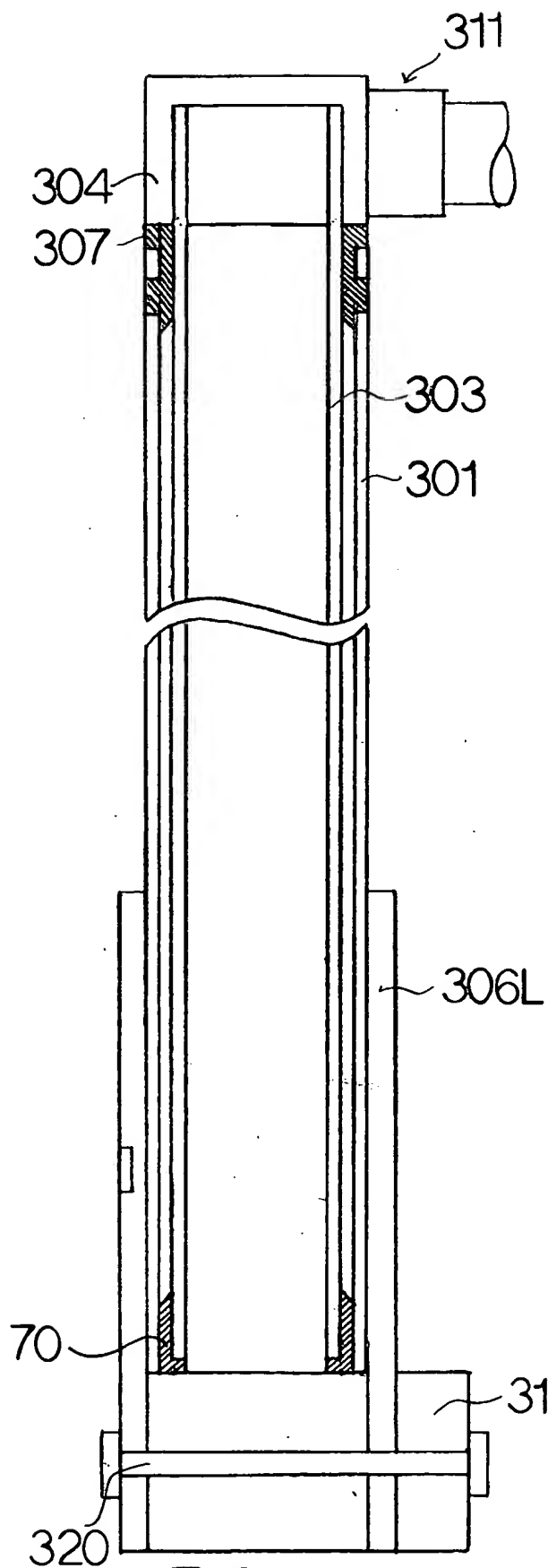


FIG. 37-A

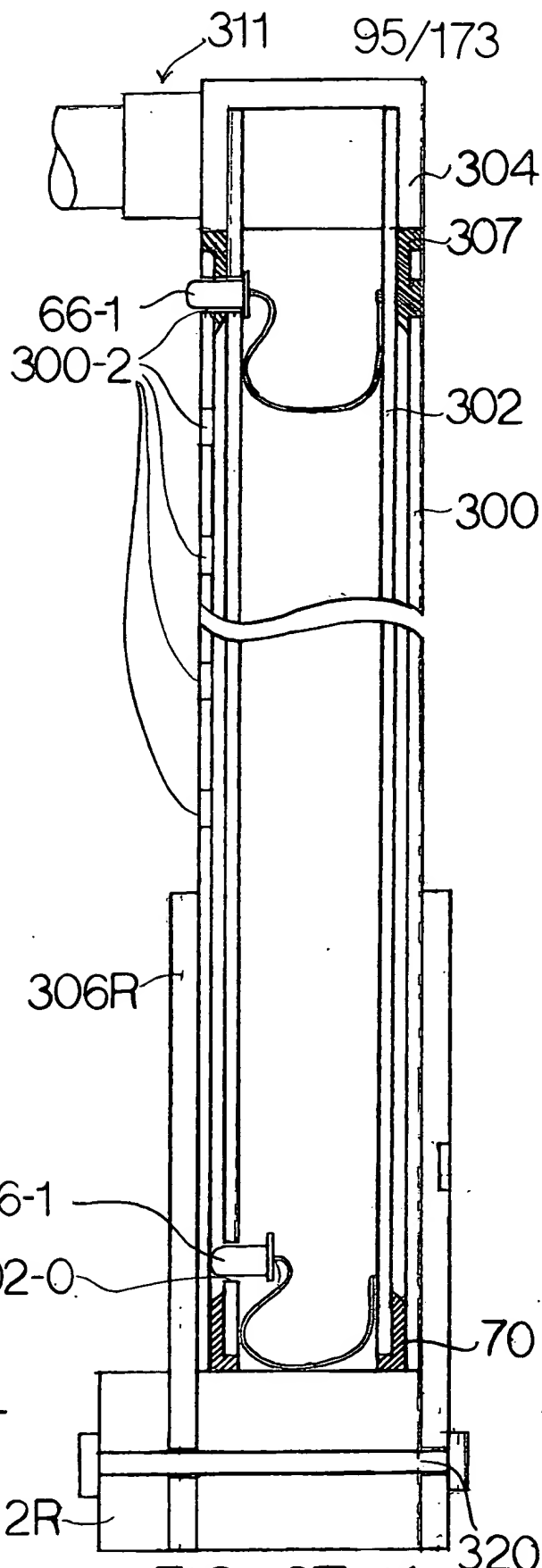


FIG. 37-A'

96/173

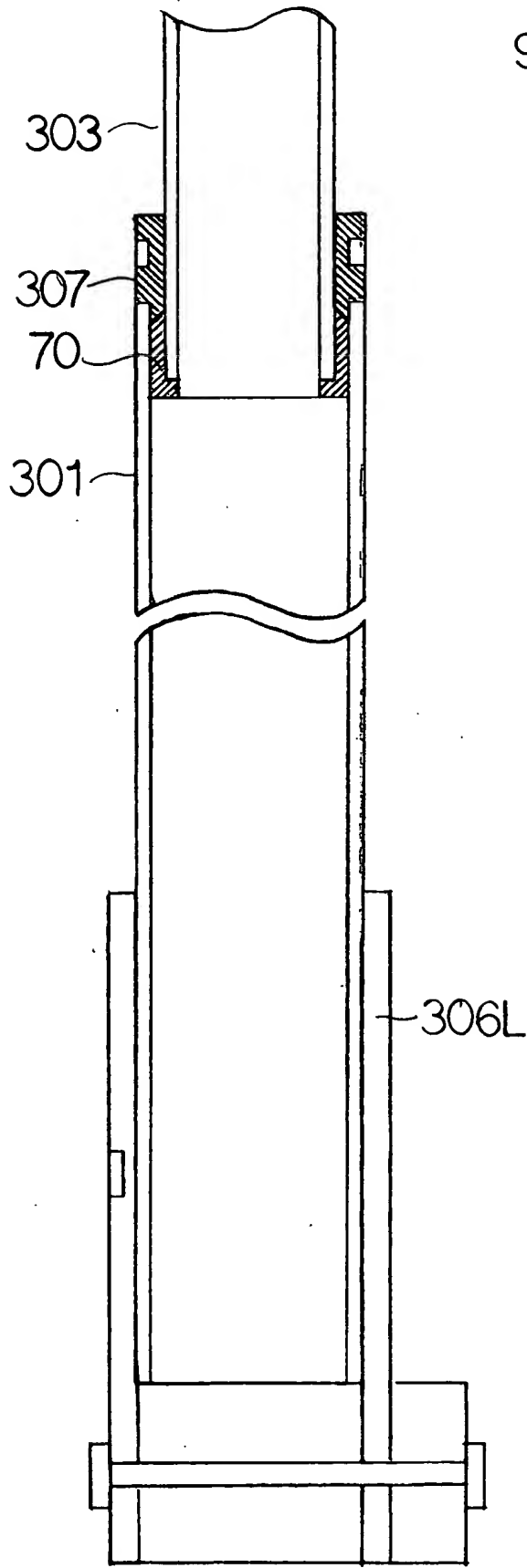


FIG. 37-B

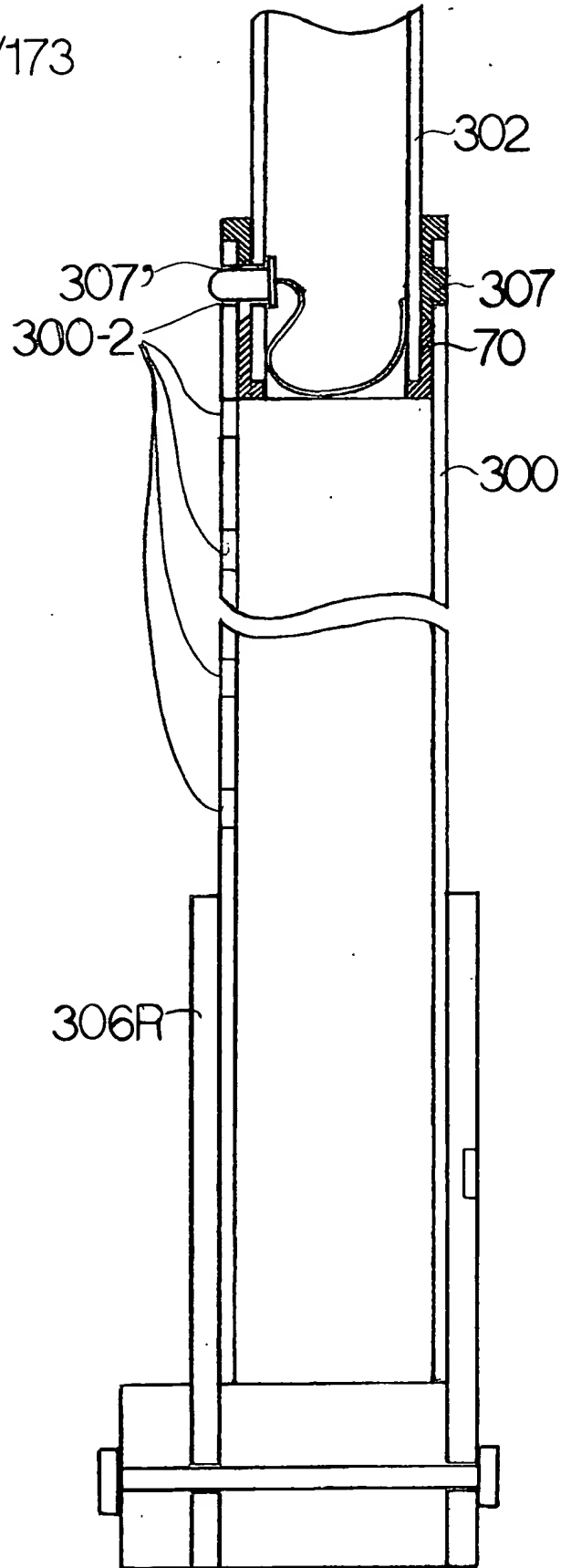
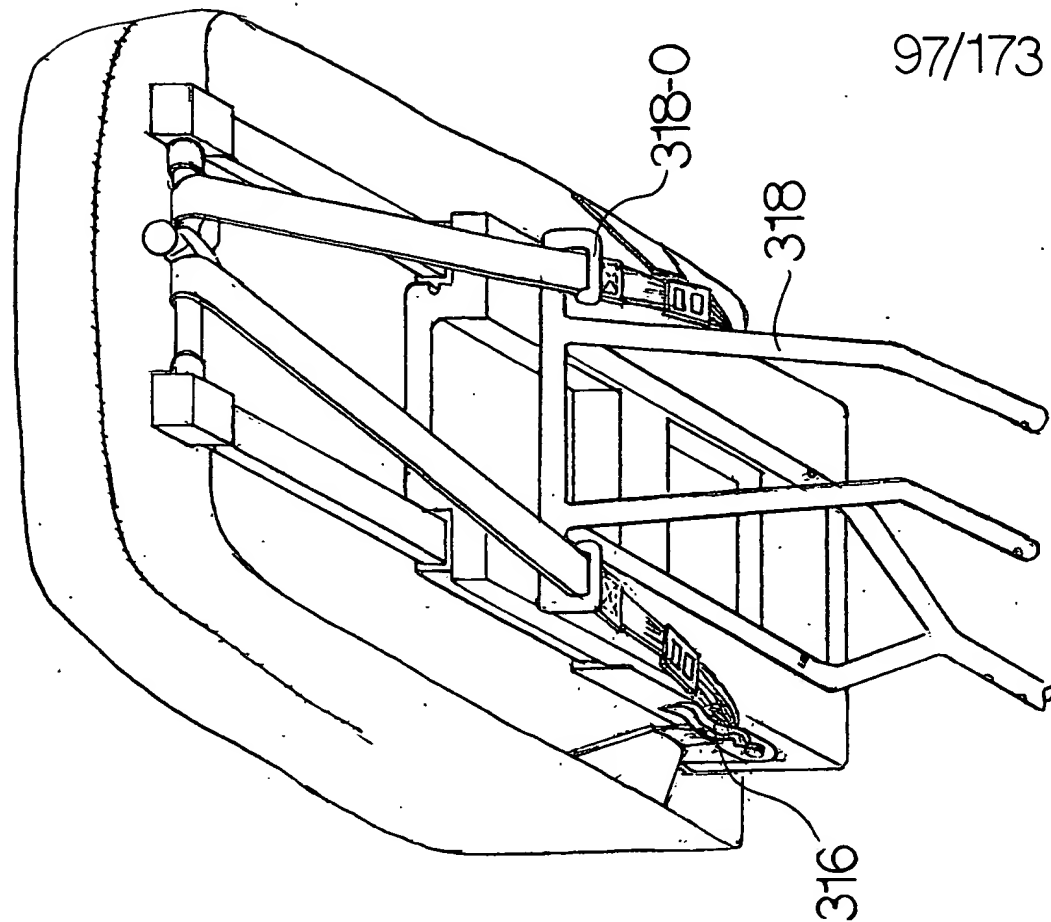


FIG. 37-B'



97/173

FIG. 38-B

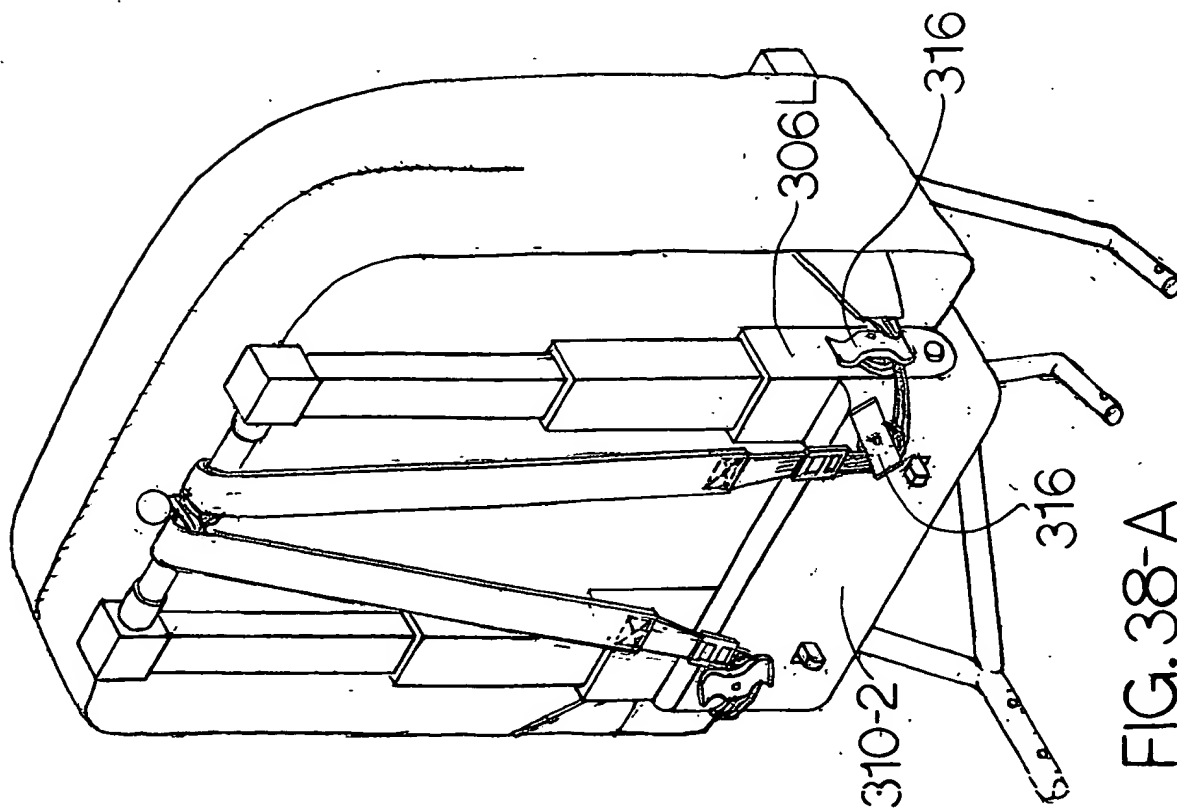


FIG. 38-A

+

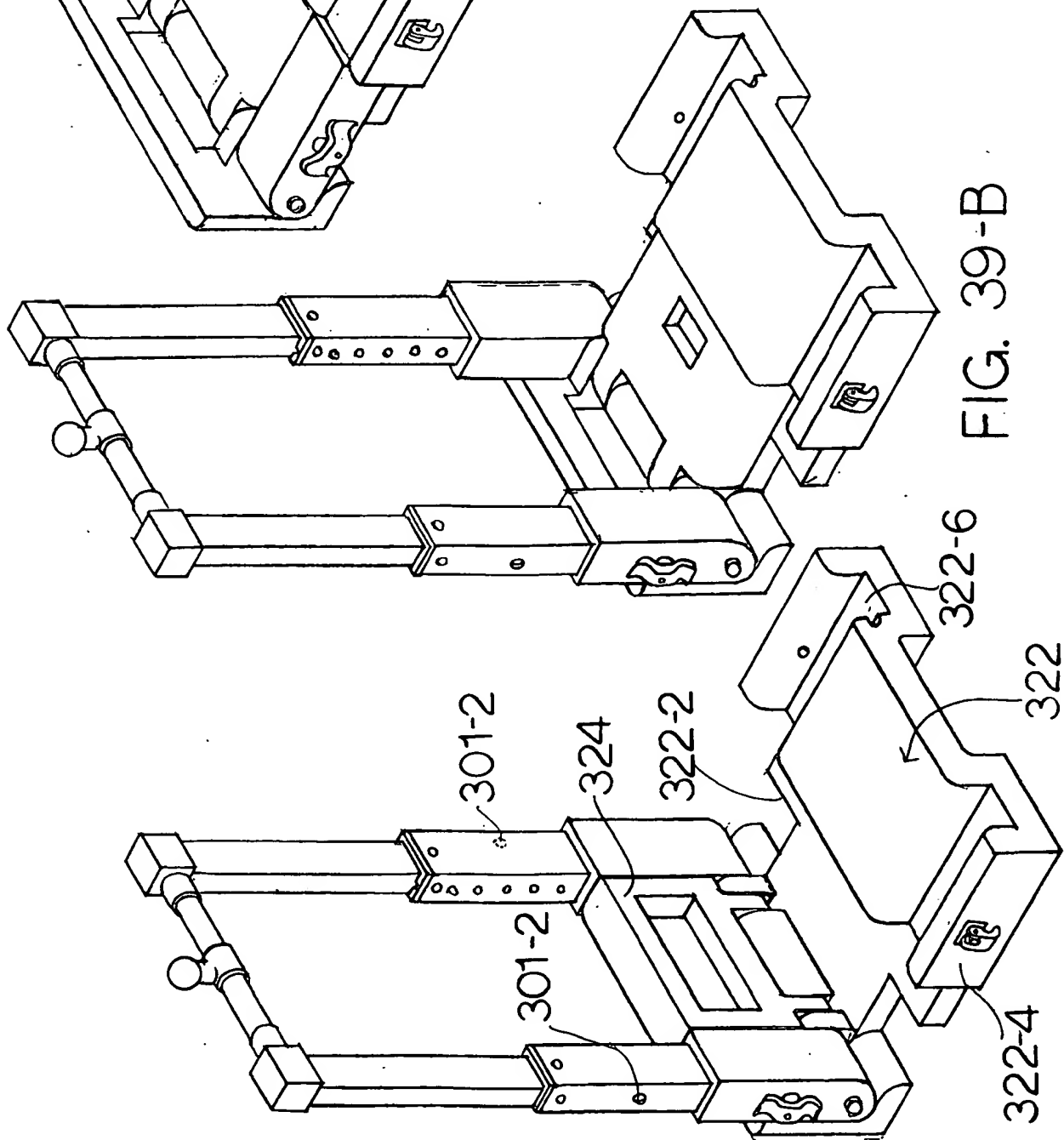


FIG. 39-A

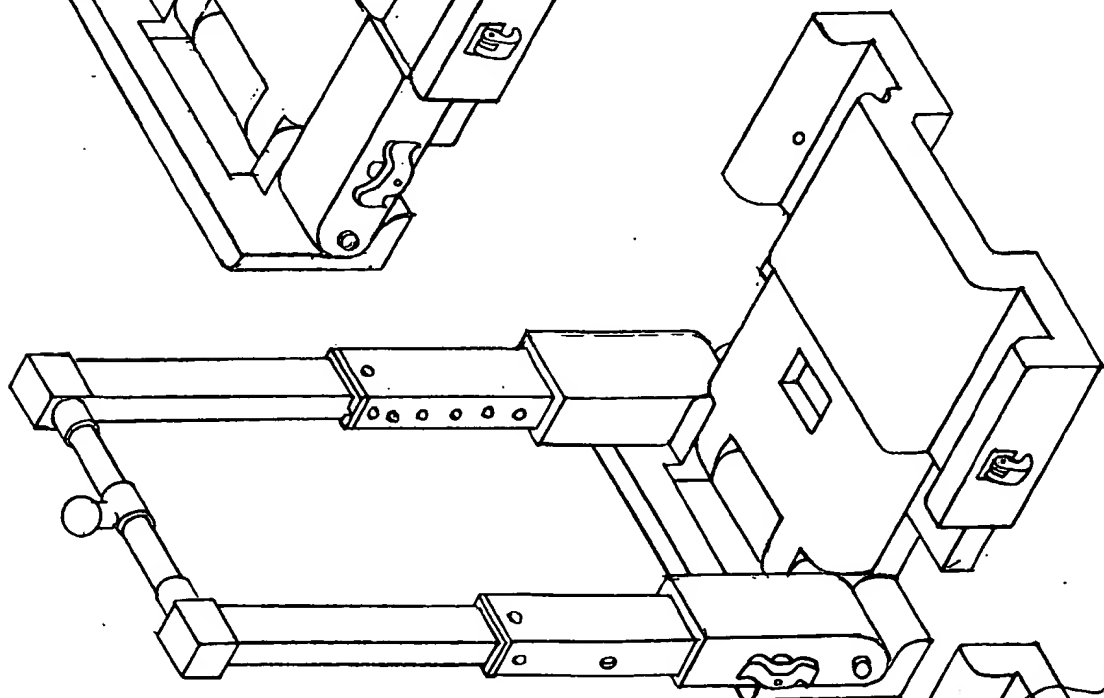


FIG. 39-B

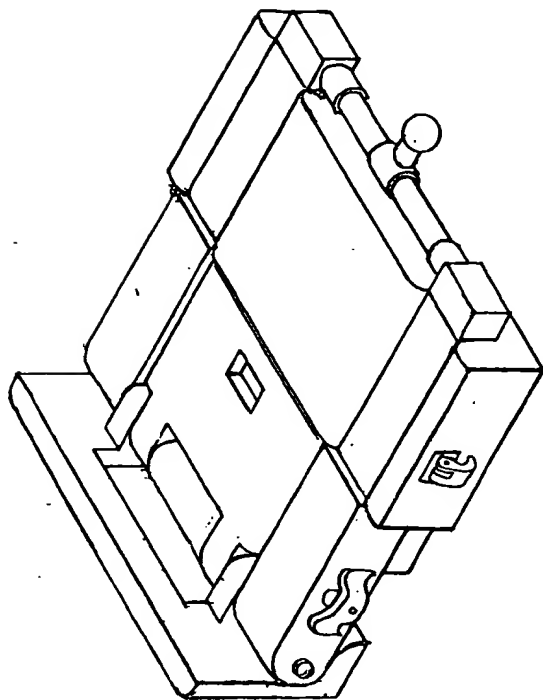


FIG. 39-C

+

99/173

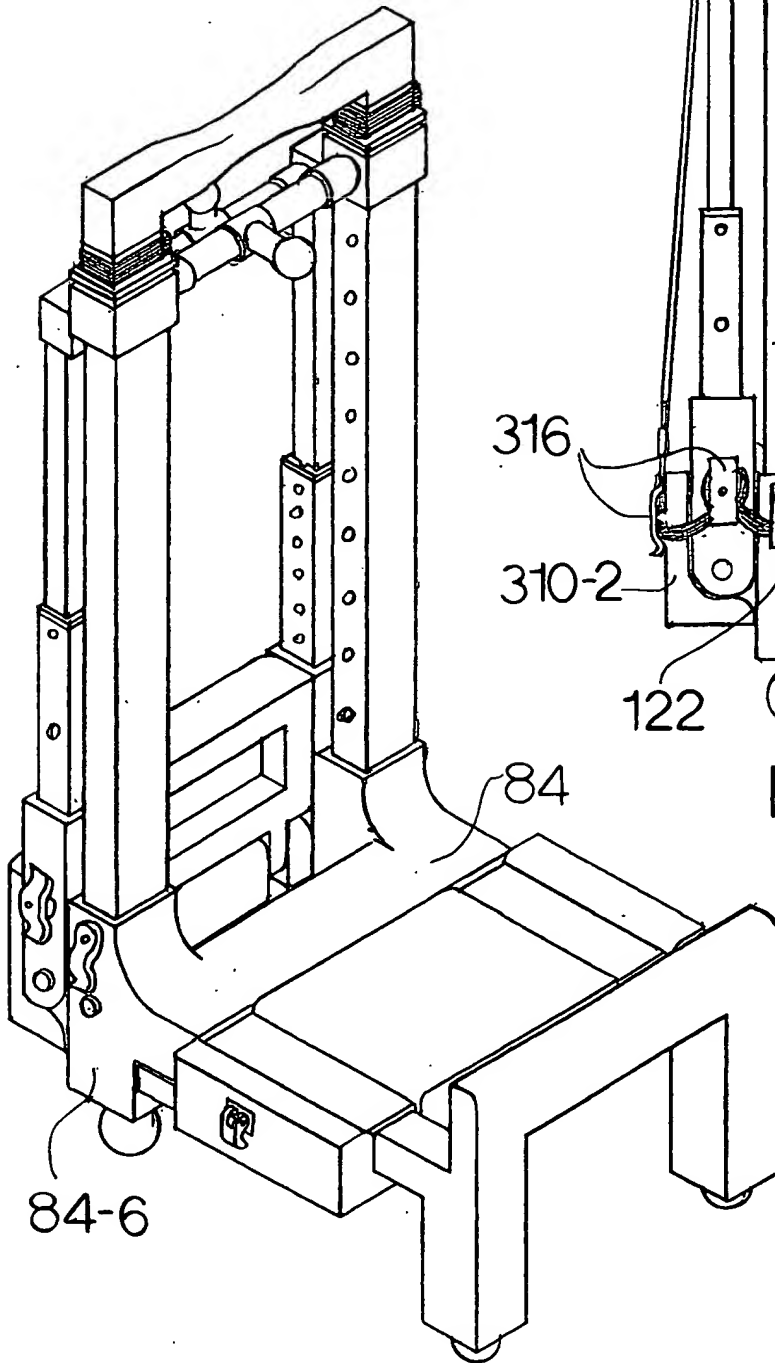


FIG. 39-D

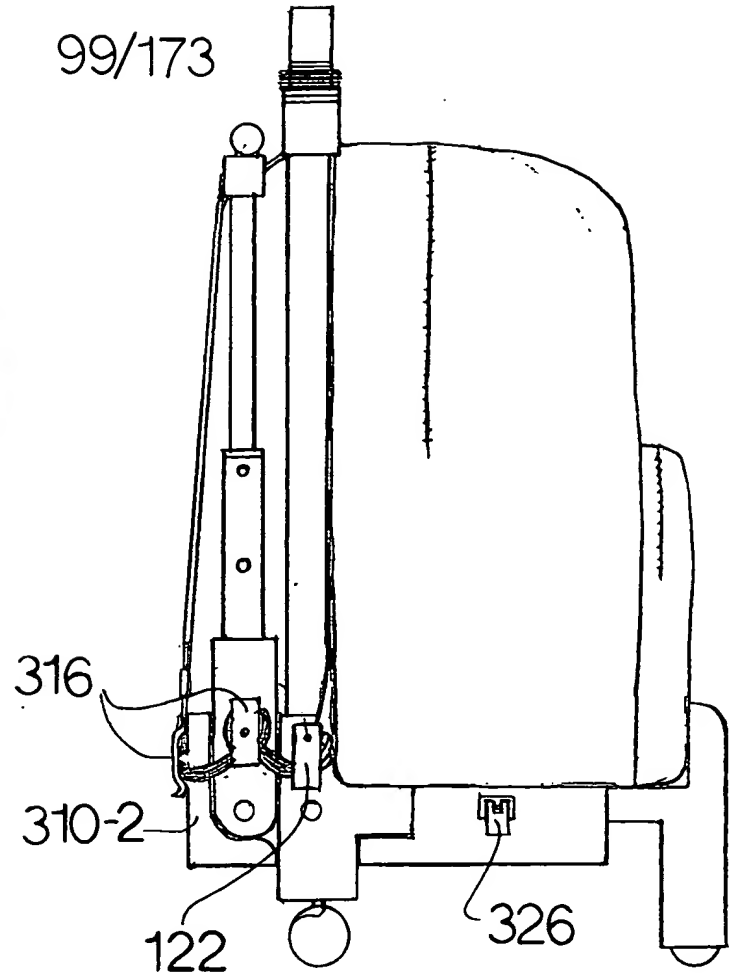


FIG. 39-E

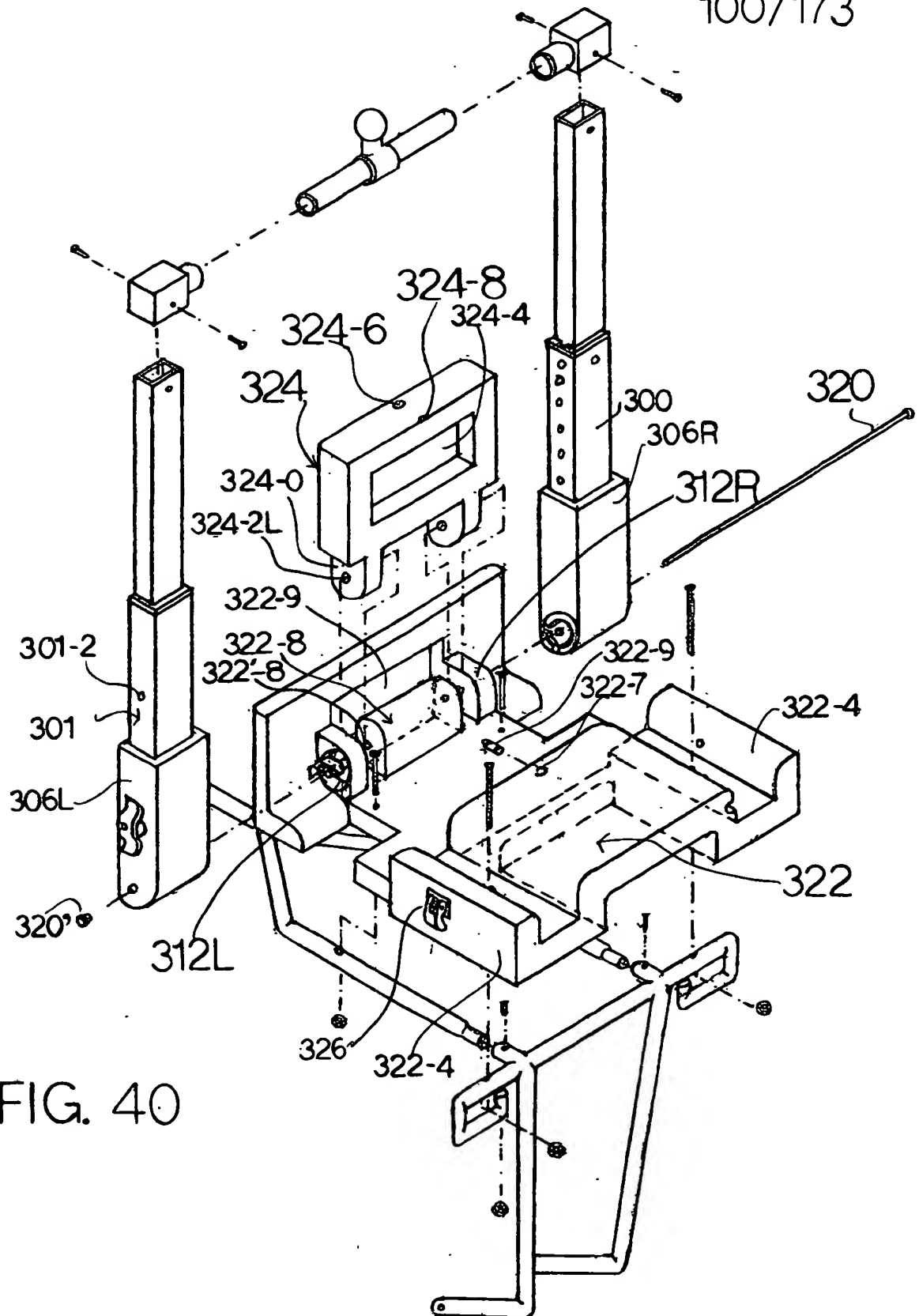


FIG. 40

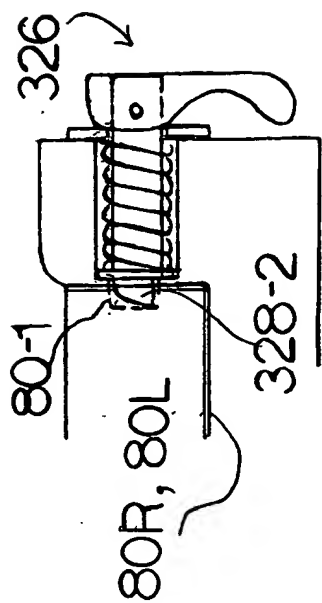


FIG. 41-B

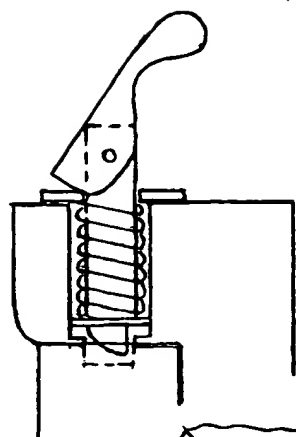


FIG. 41-B'

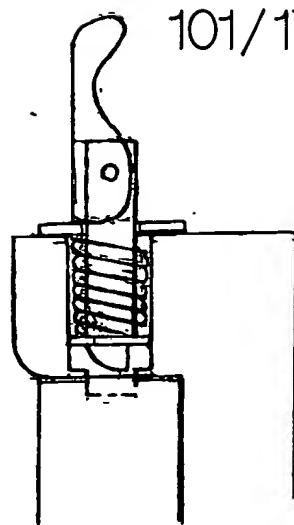


FIG. 41-B

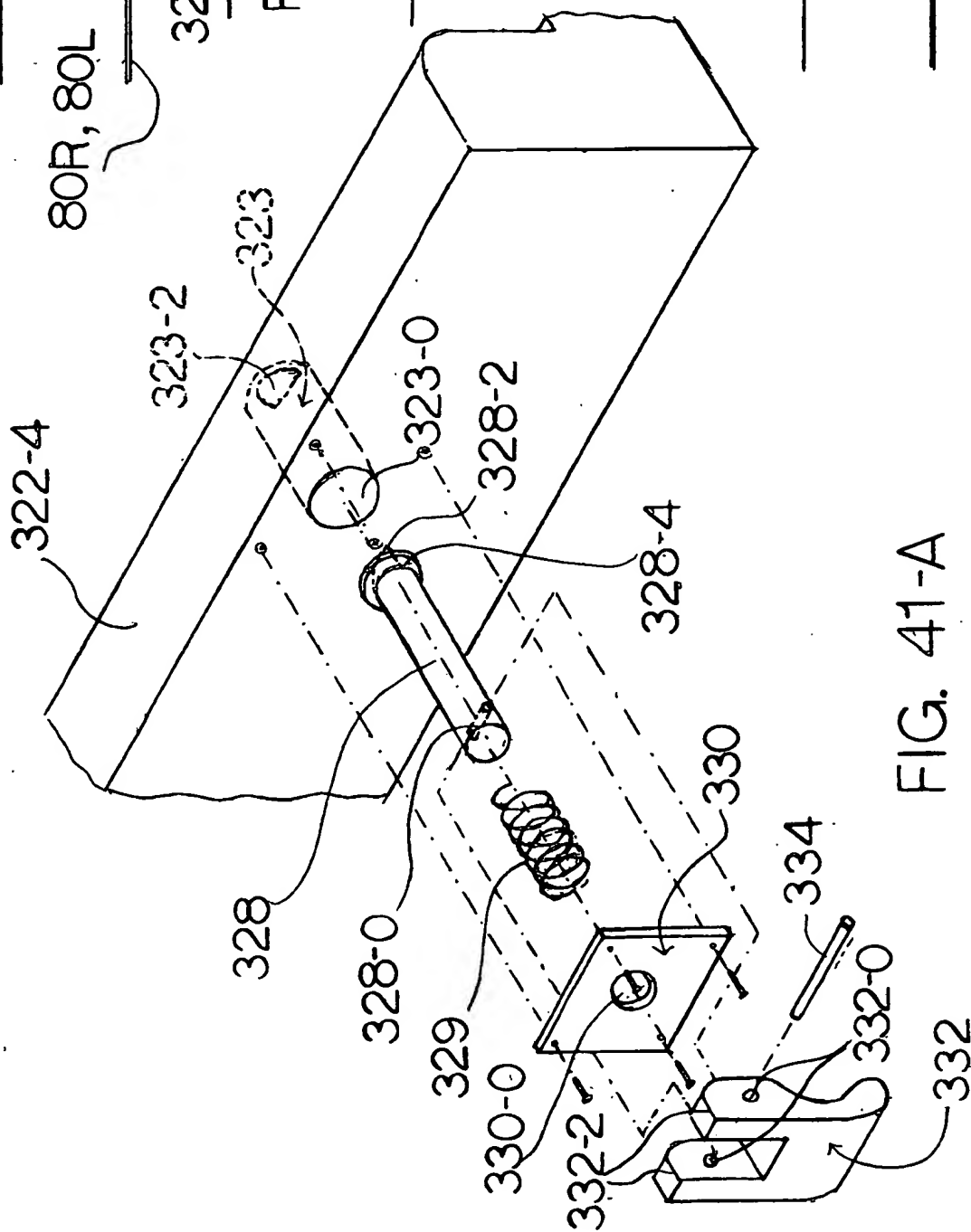


FIG. 41-A

+

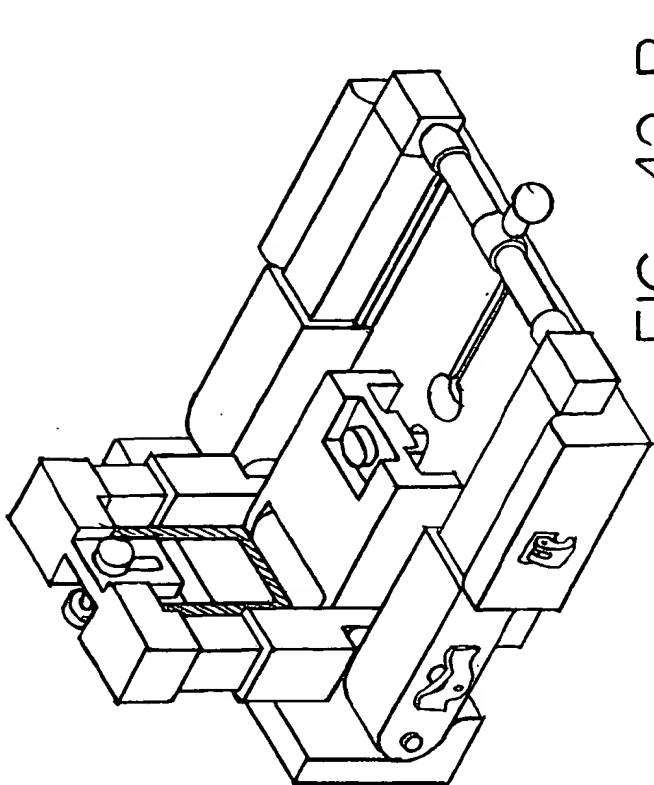


FIG. 42-B

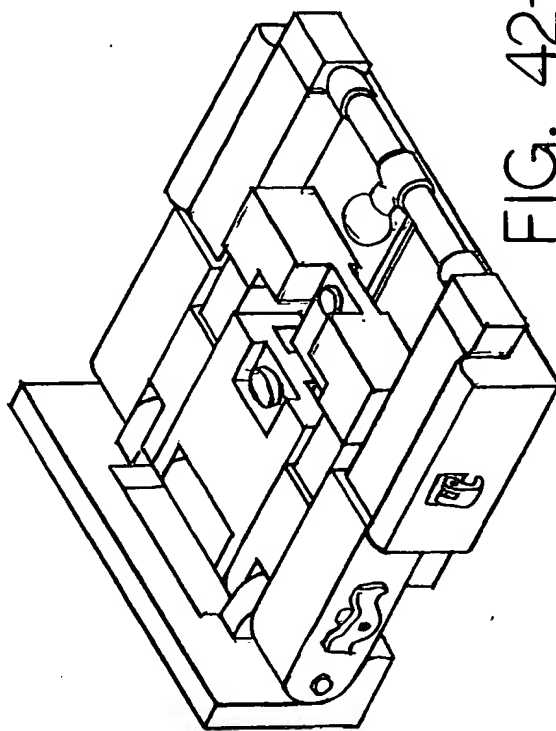


FIG. 42-C

+

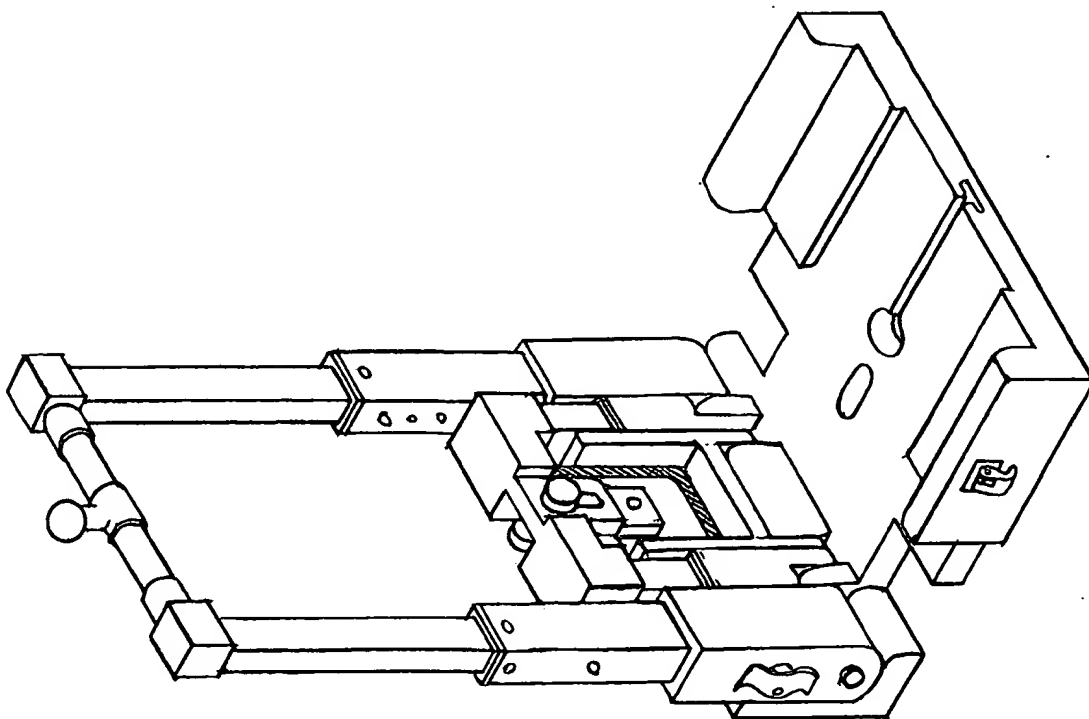


FIG. 42-A

103/173

FIG. 42-D.

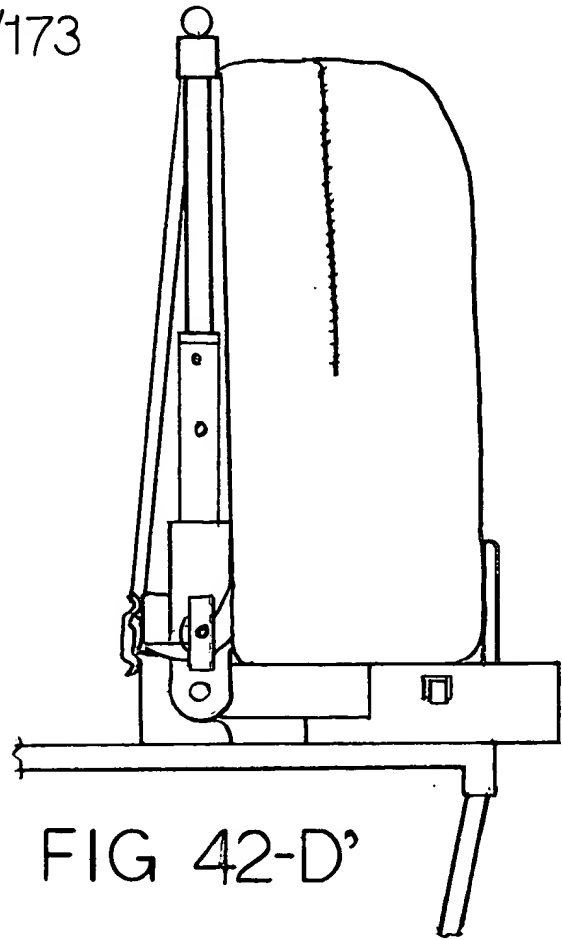
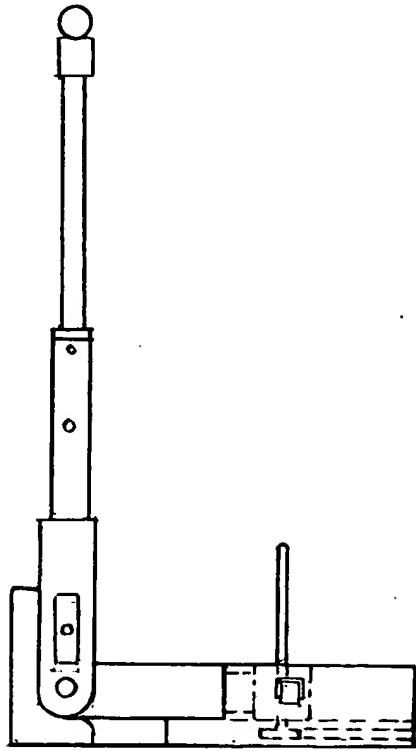


FIG 42-D'

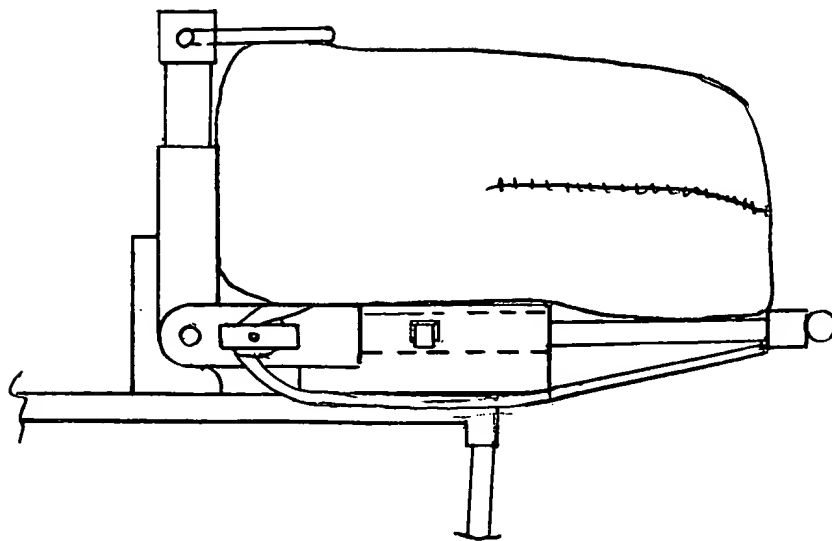


FIG. 42-E

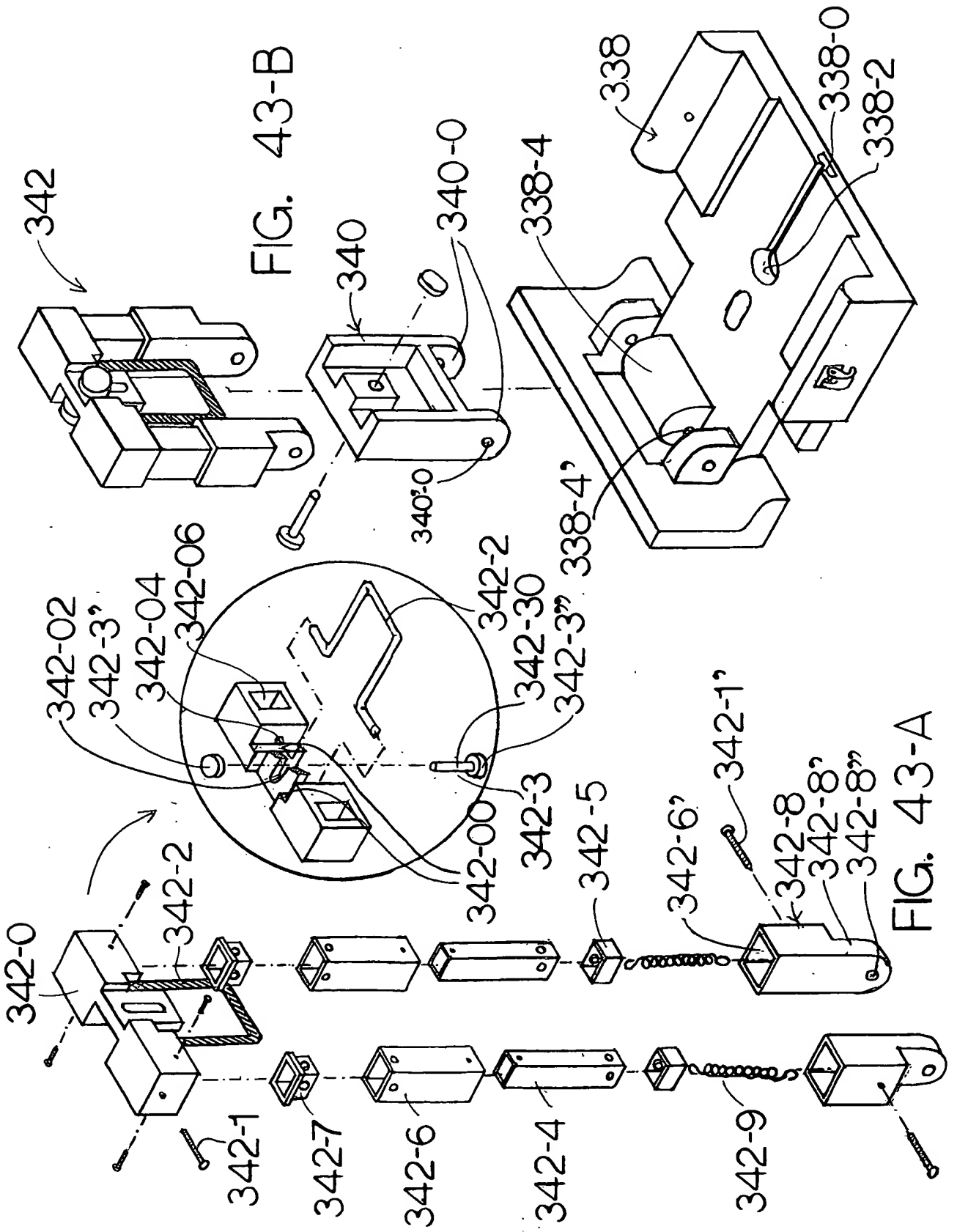


FIG. 43-A

FIG. 43-B

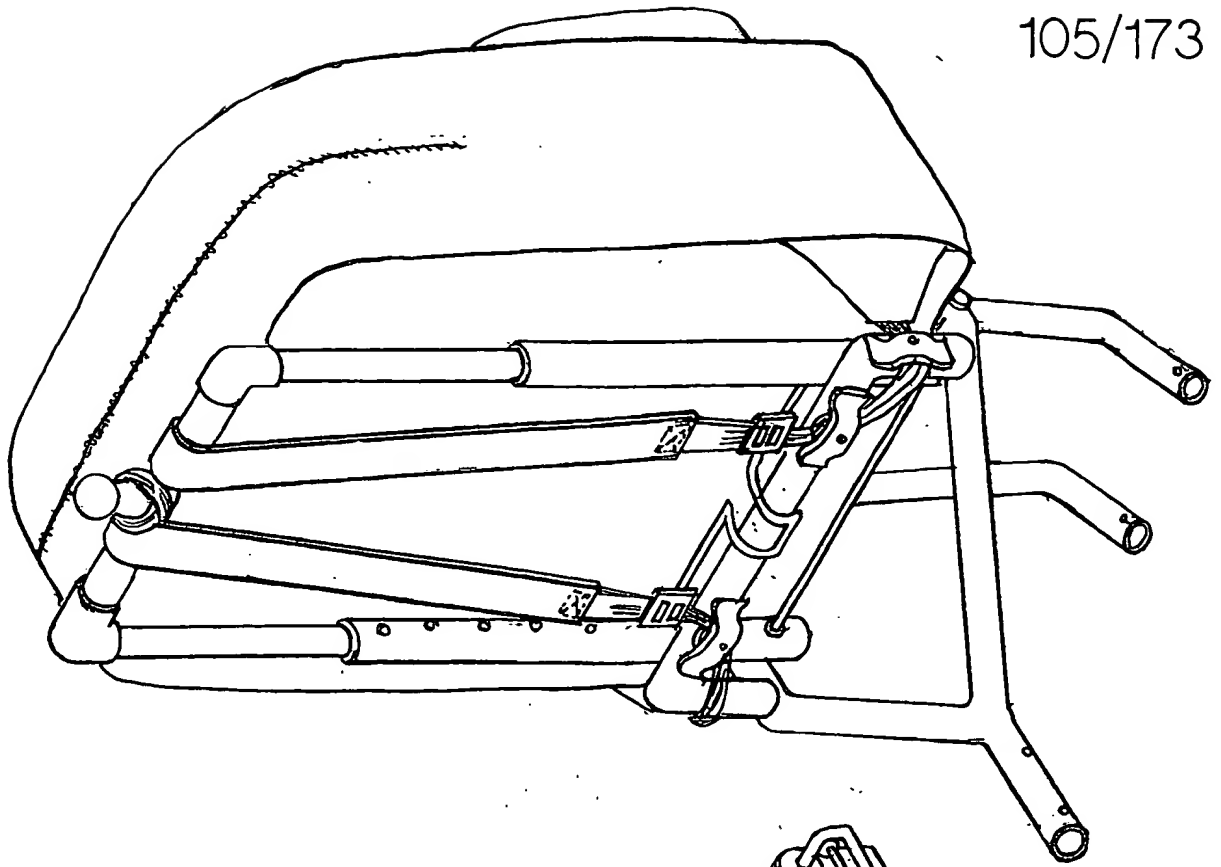


FIG. 44-A'

105/173

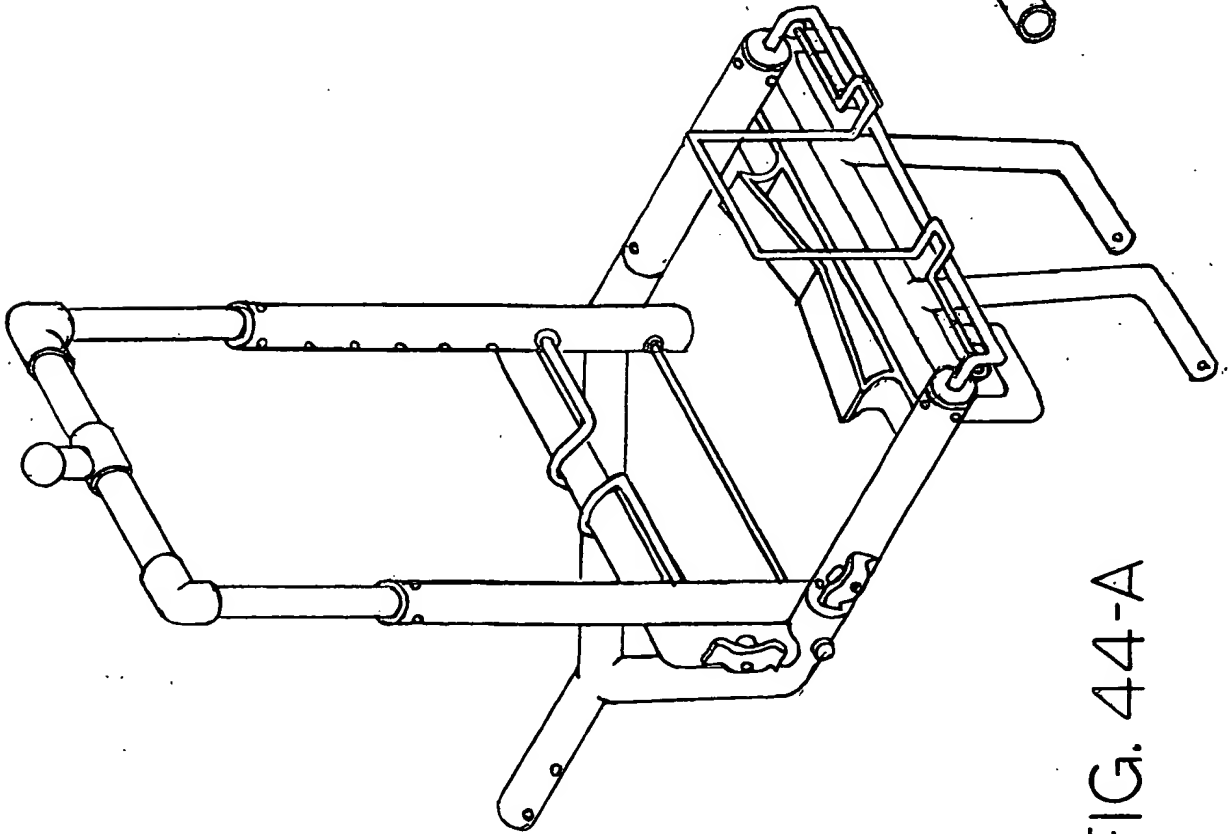


FIG. 44-A

FIG. 44-A' is a perspective view of a mechanical assembly.

+

+

106/173

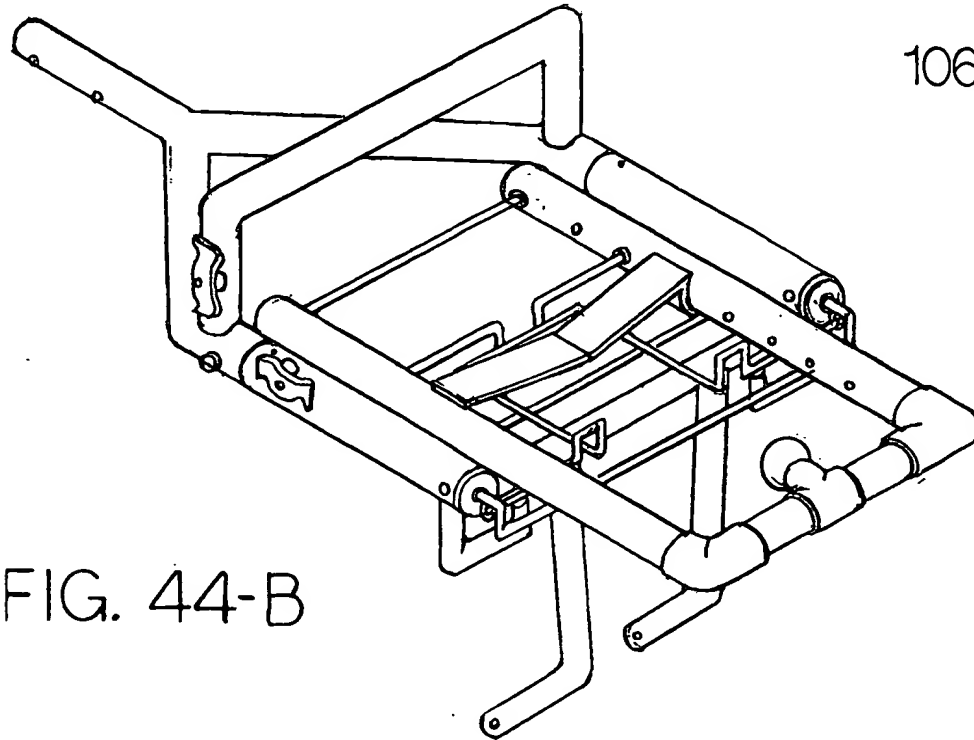


FIG. 44-B

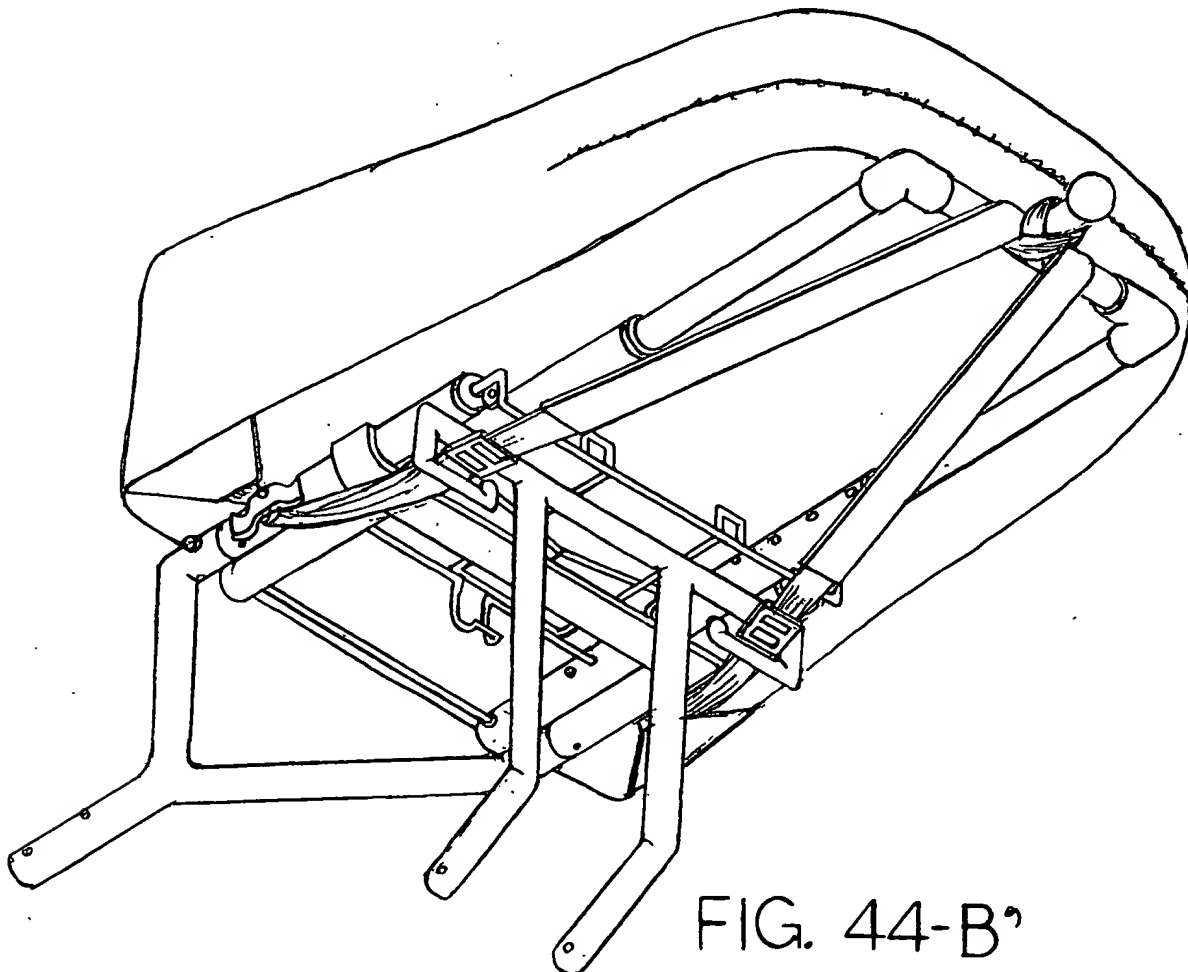


FIG. 44-B'

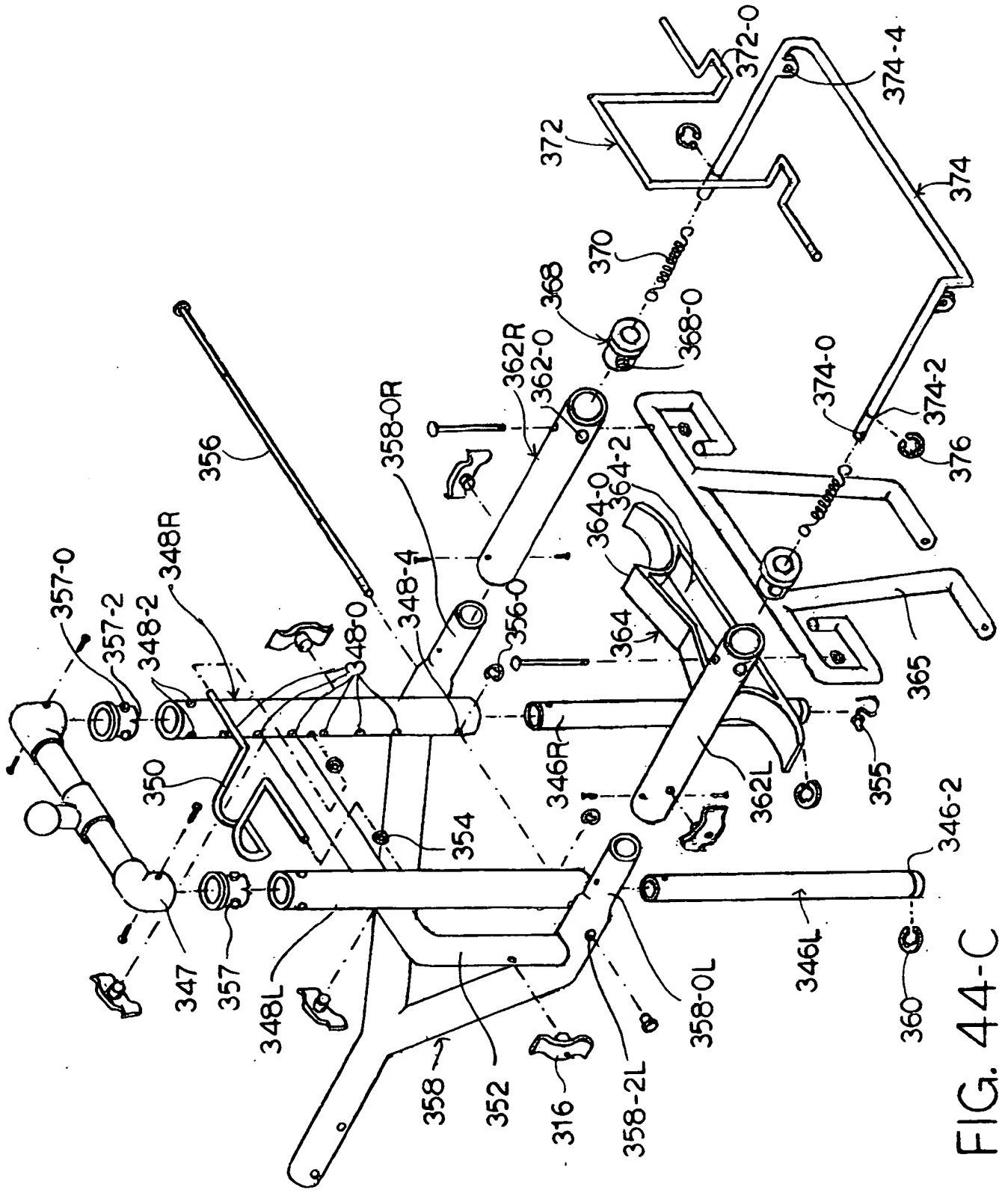


FIG. 44-C

FIG. 44-C

108/173

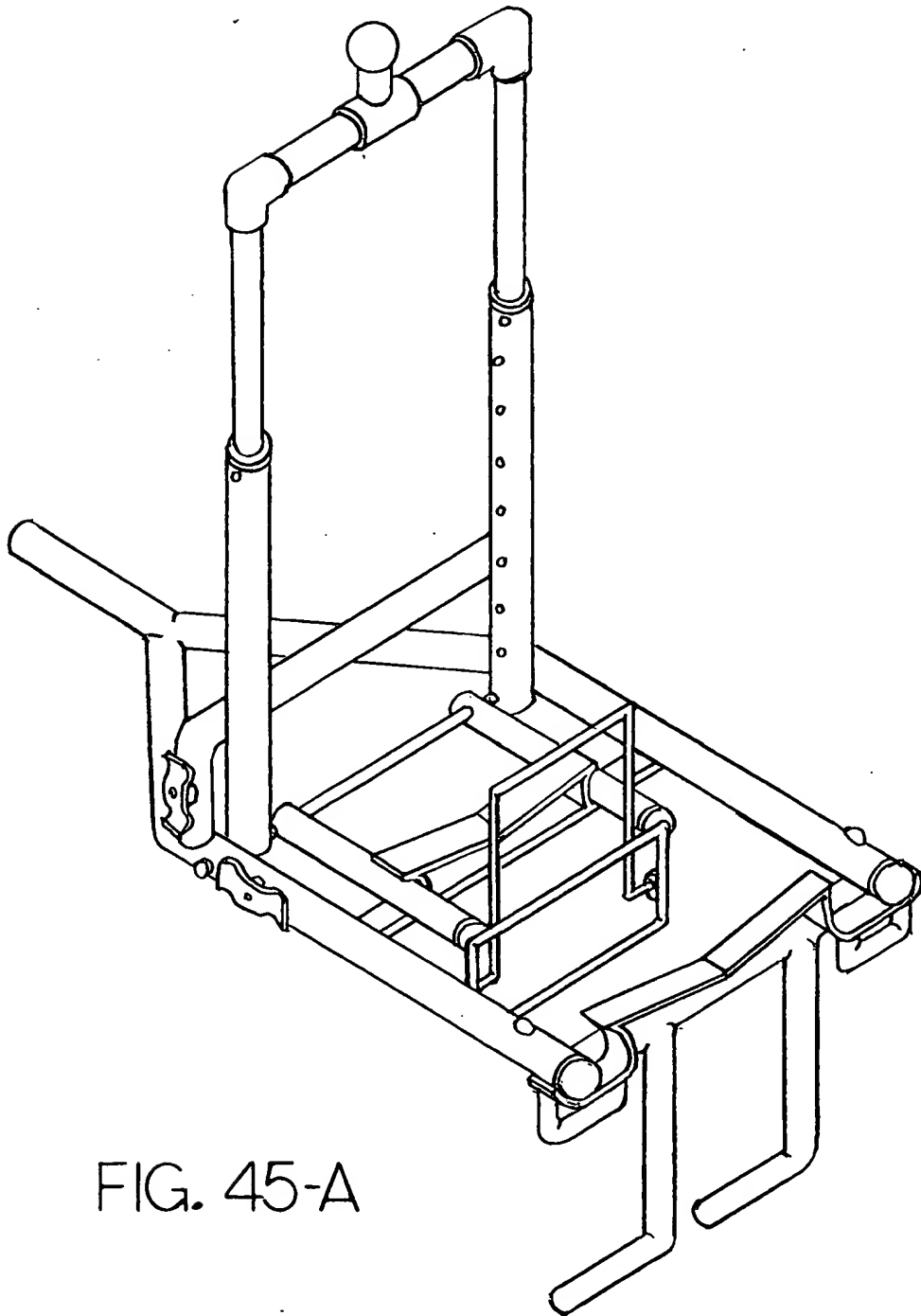


FIG. 45-A

+

109/173

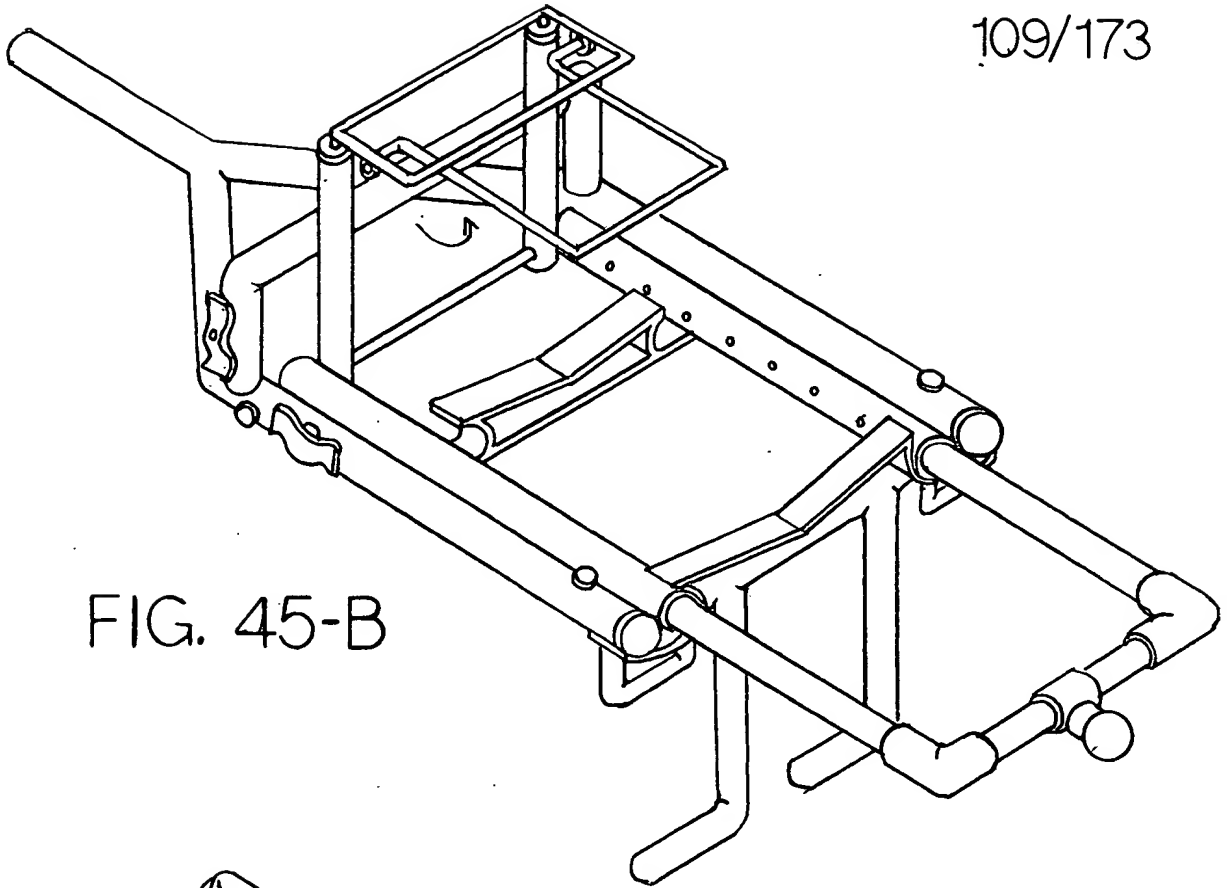


FIG. 45-B

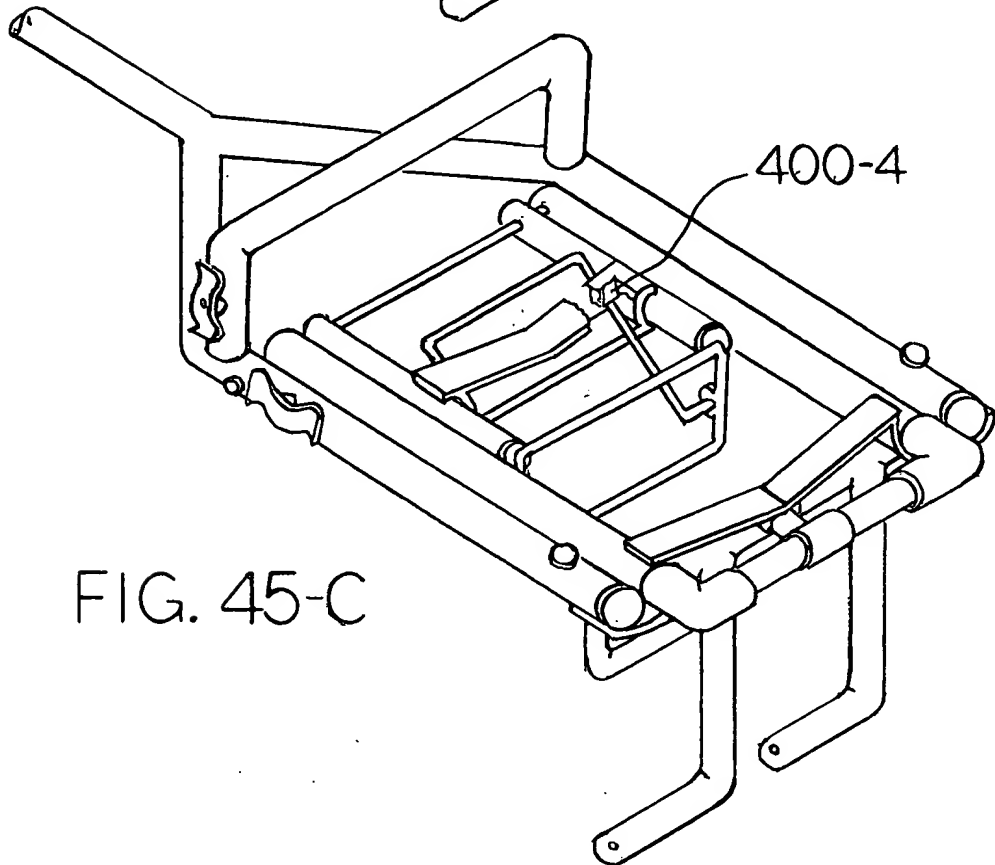


FIG. 45-C

+

FIG. 45-B

+

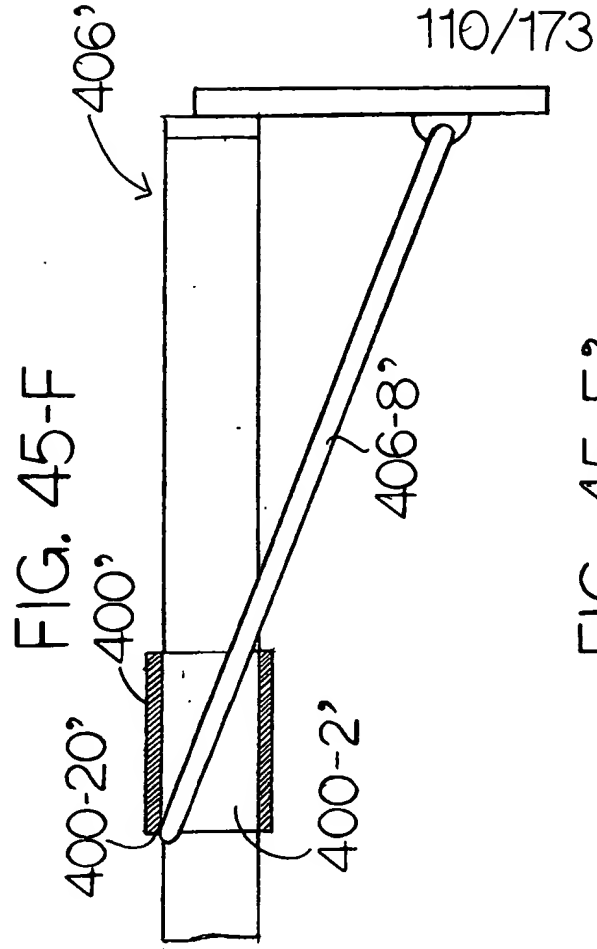
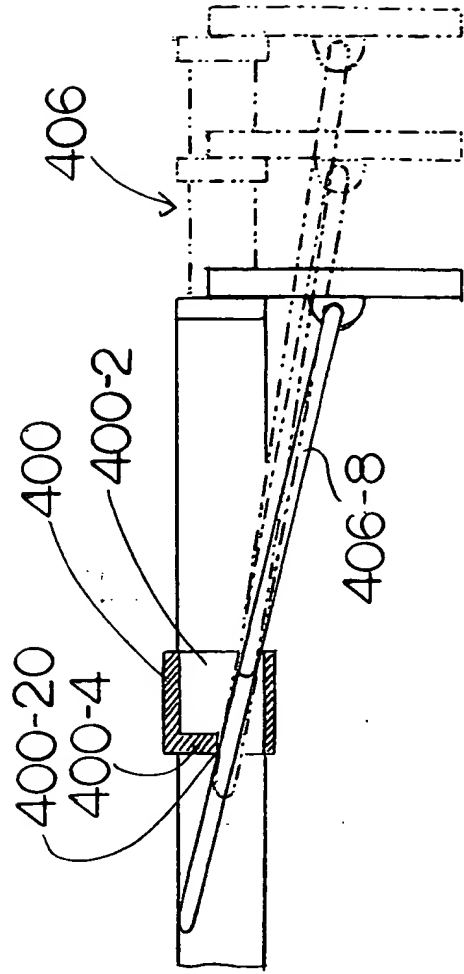
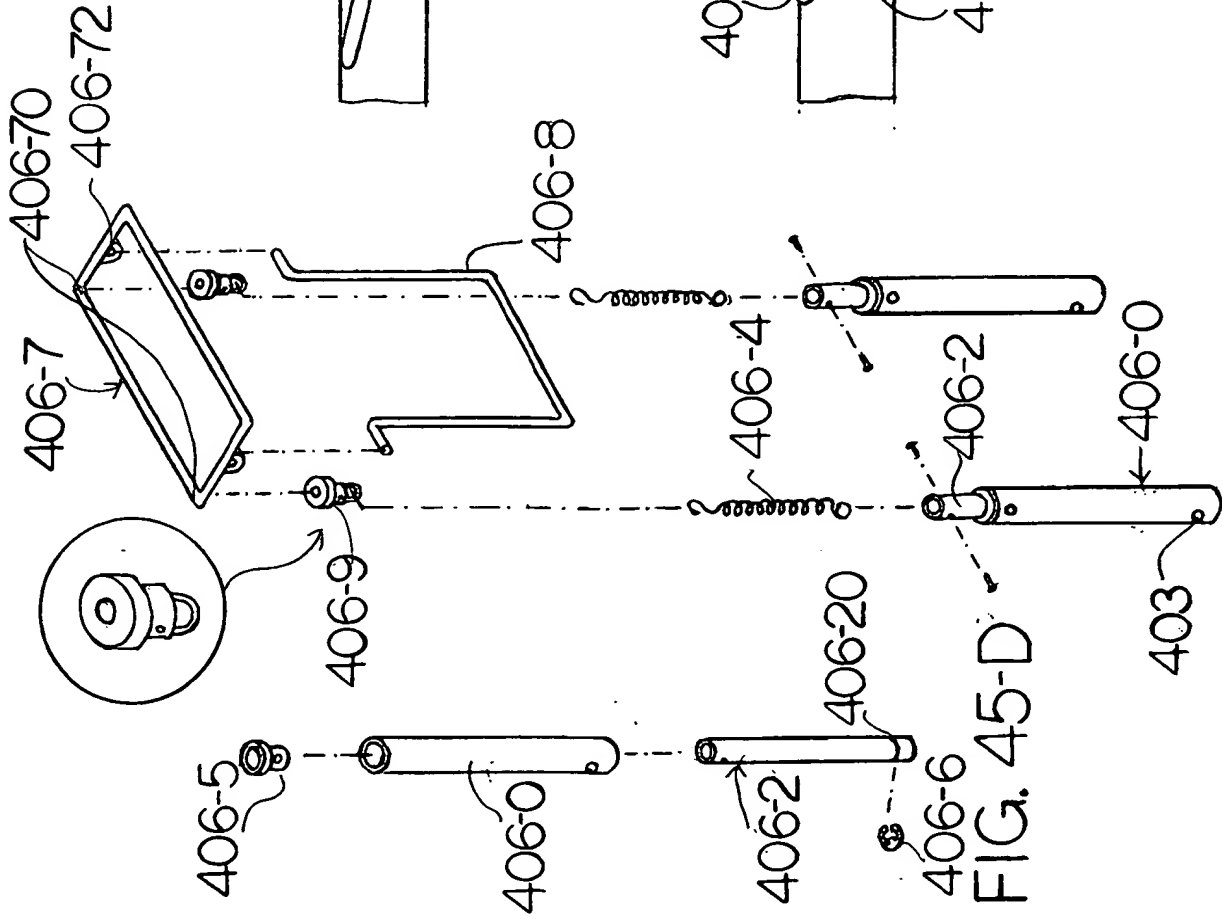


FIG. 45-F

FIG. 45-D

+

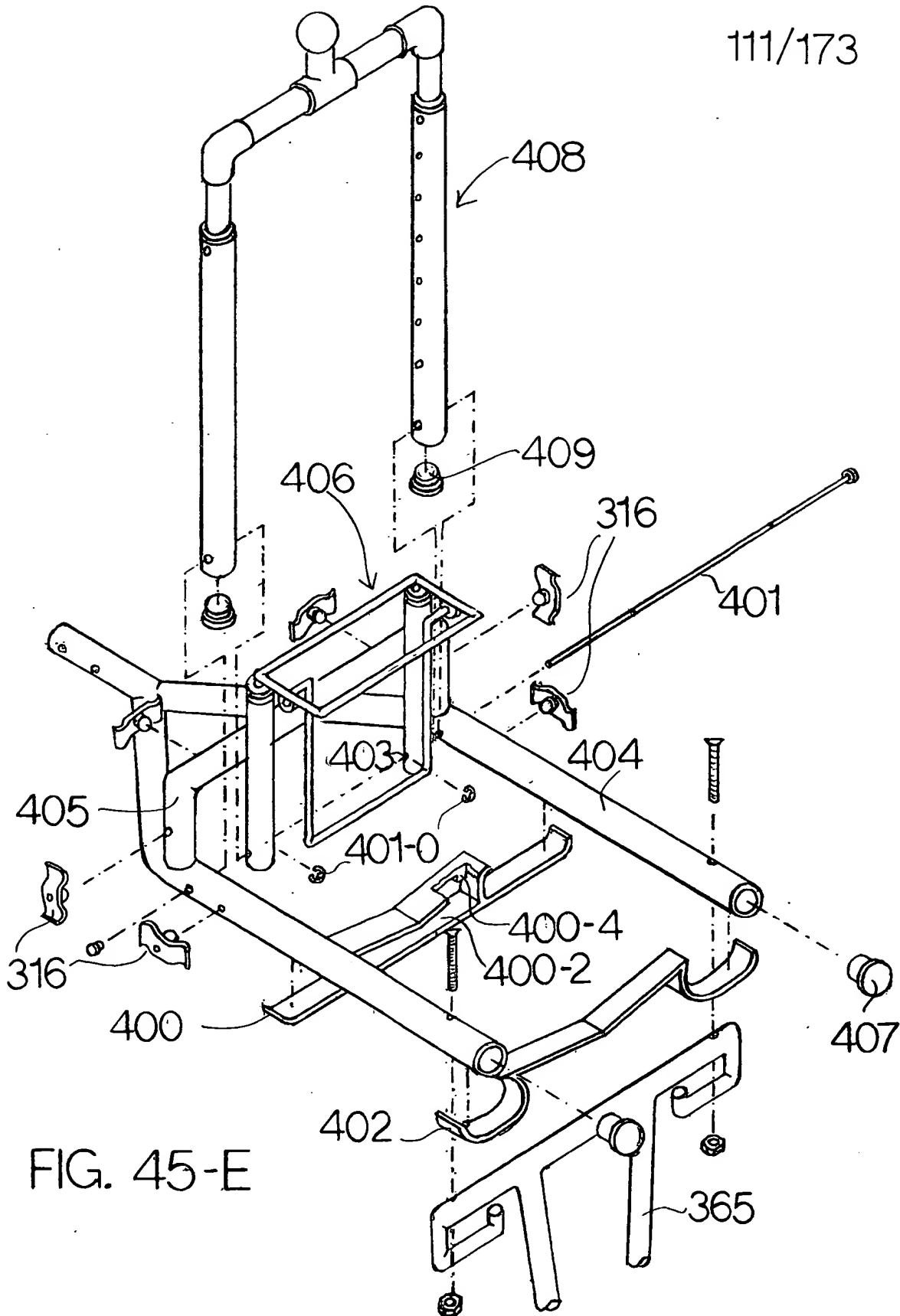


FIG. 45-E

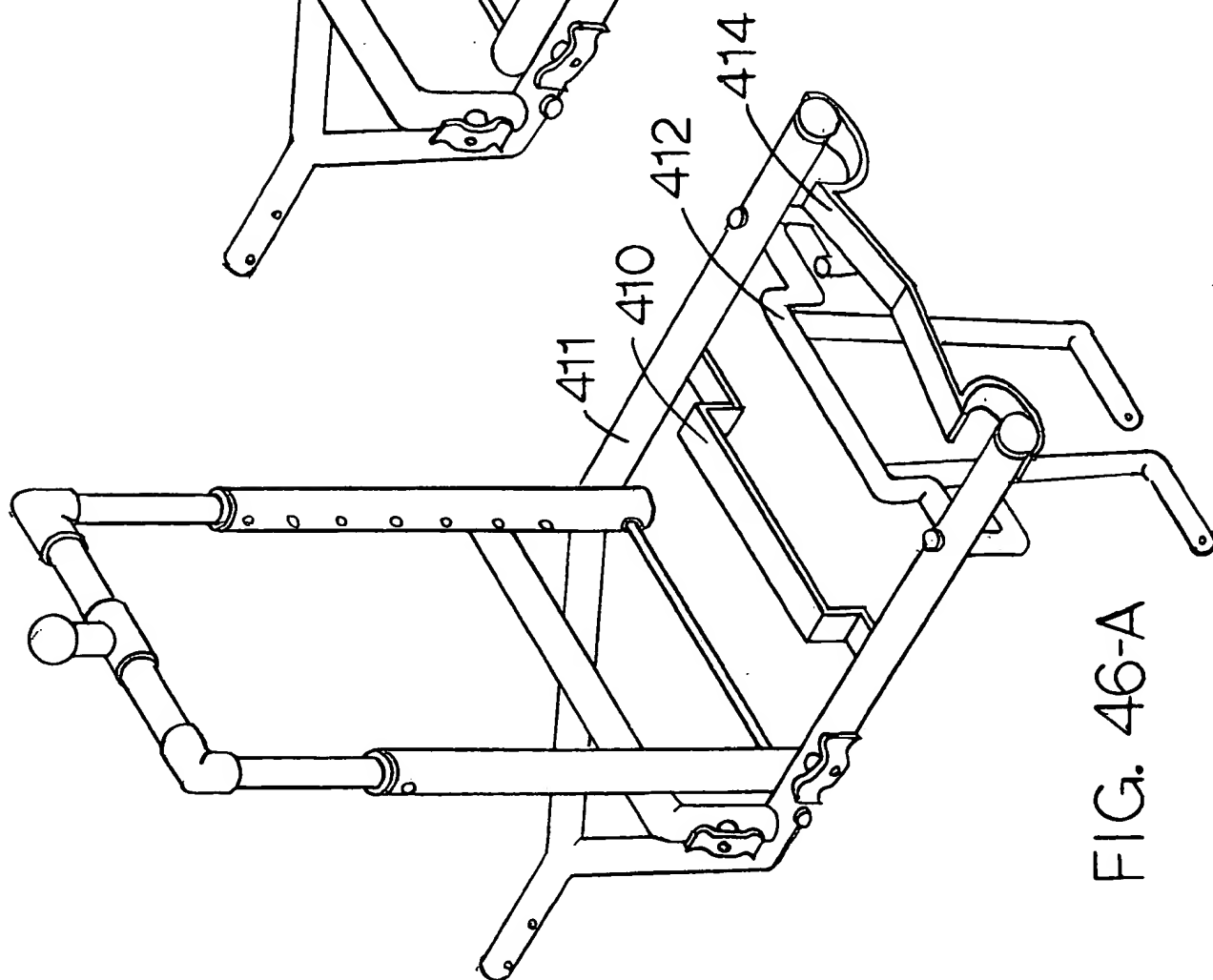


FIG. 46-A

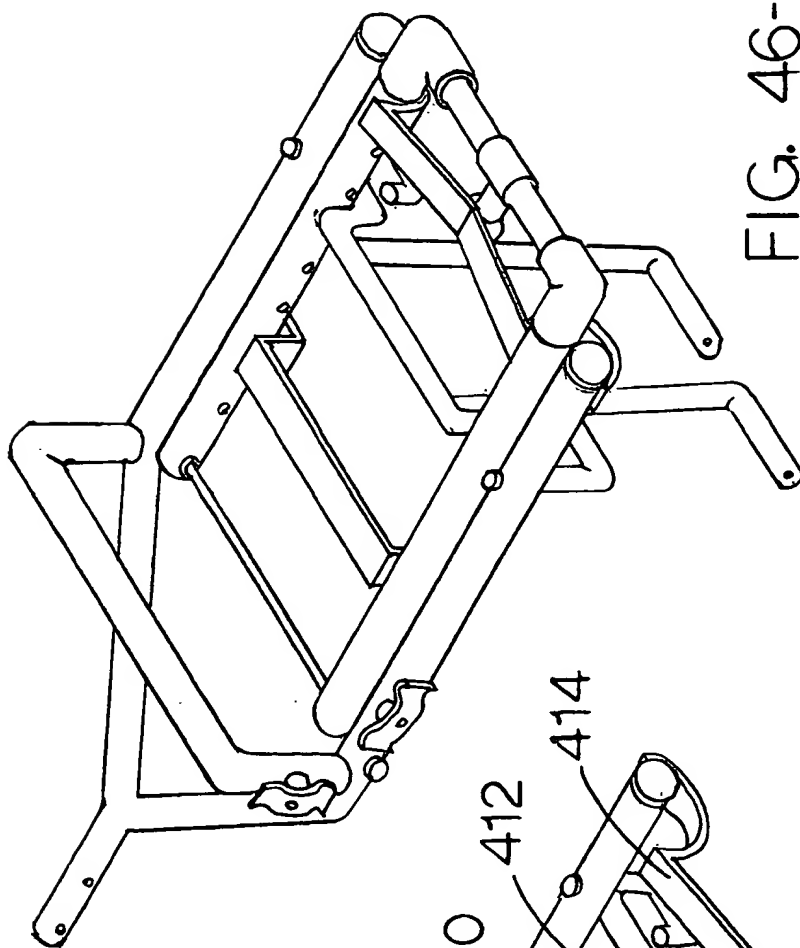
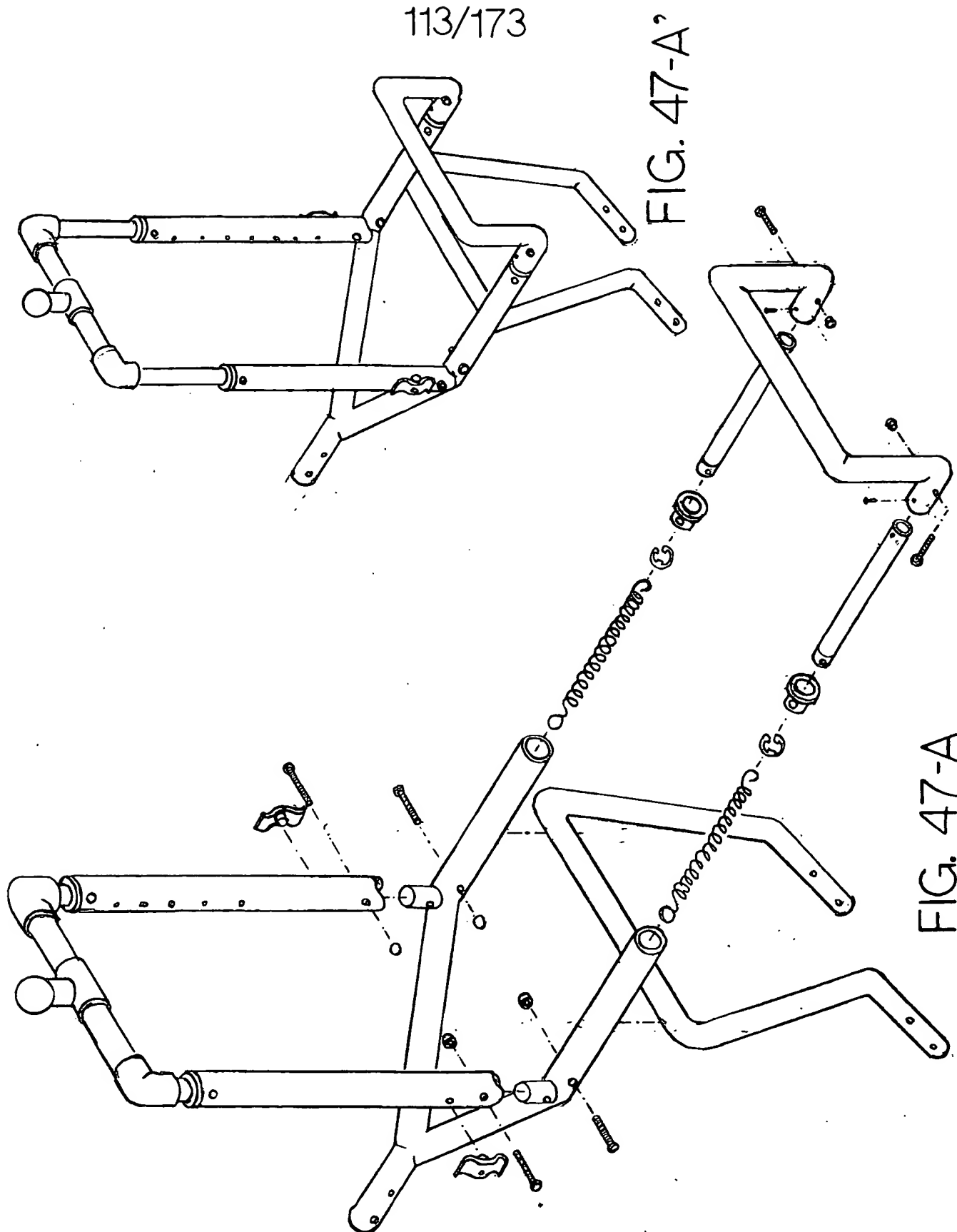


FIG. 46-B



113/173

FIG. 47-A'

FIG. 47-A

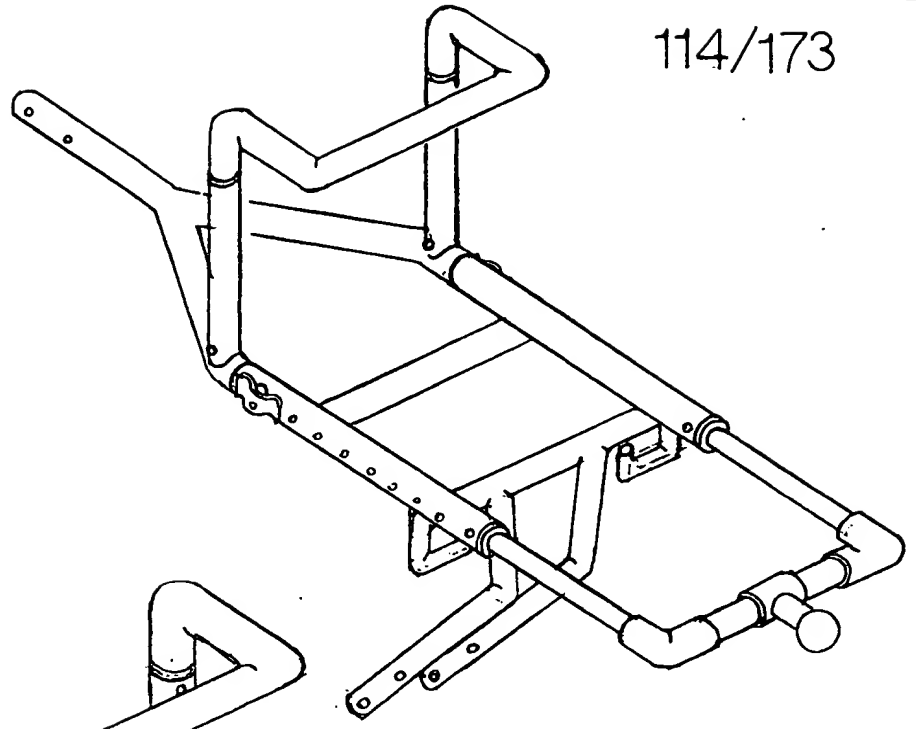


FIG. 48-A'

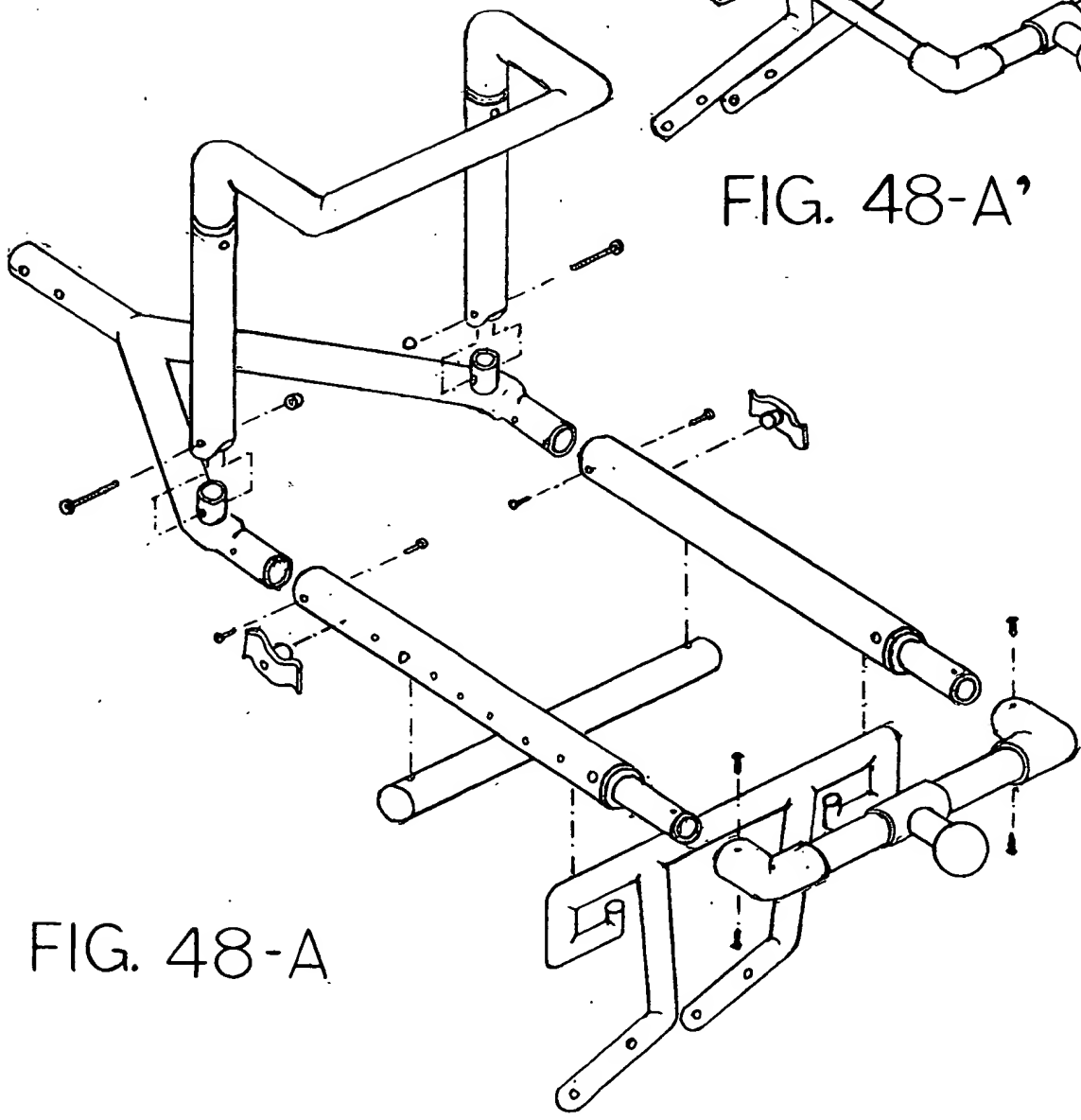


FIG. 48-A

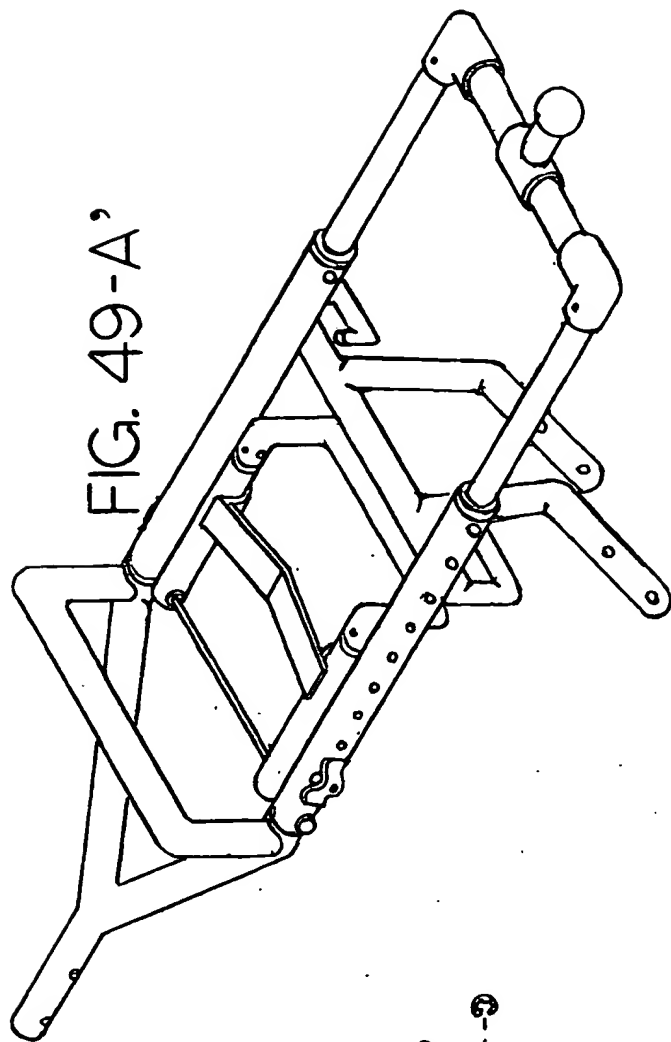


FIG. 49-A'

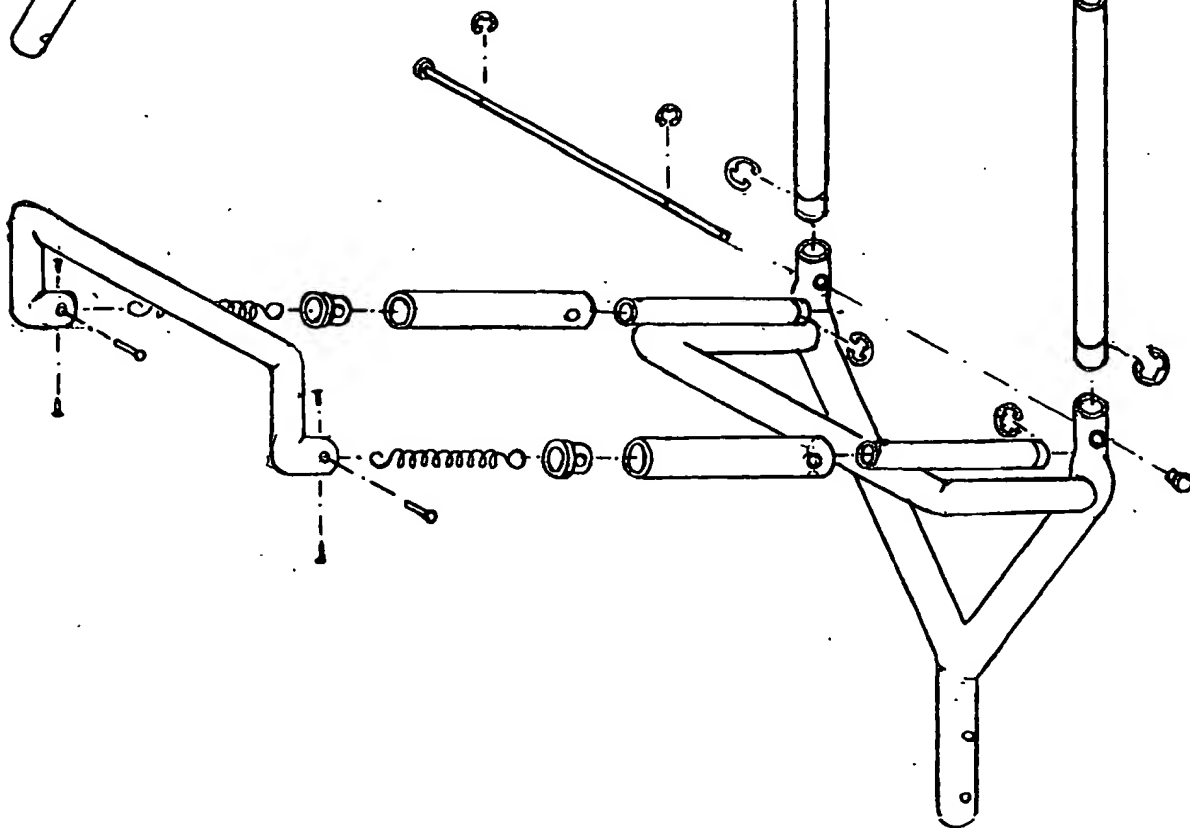


FIG. 49-A

115/173

+

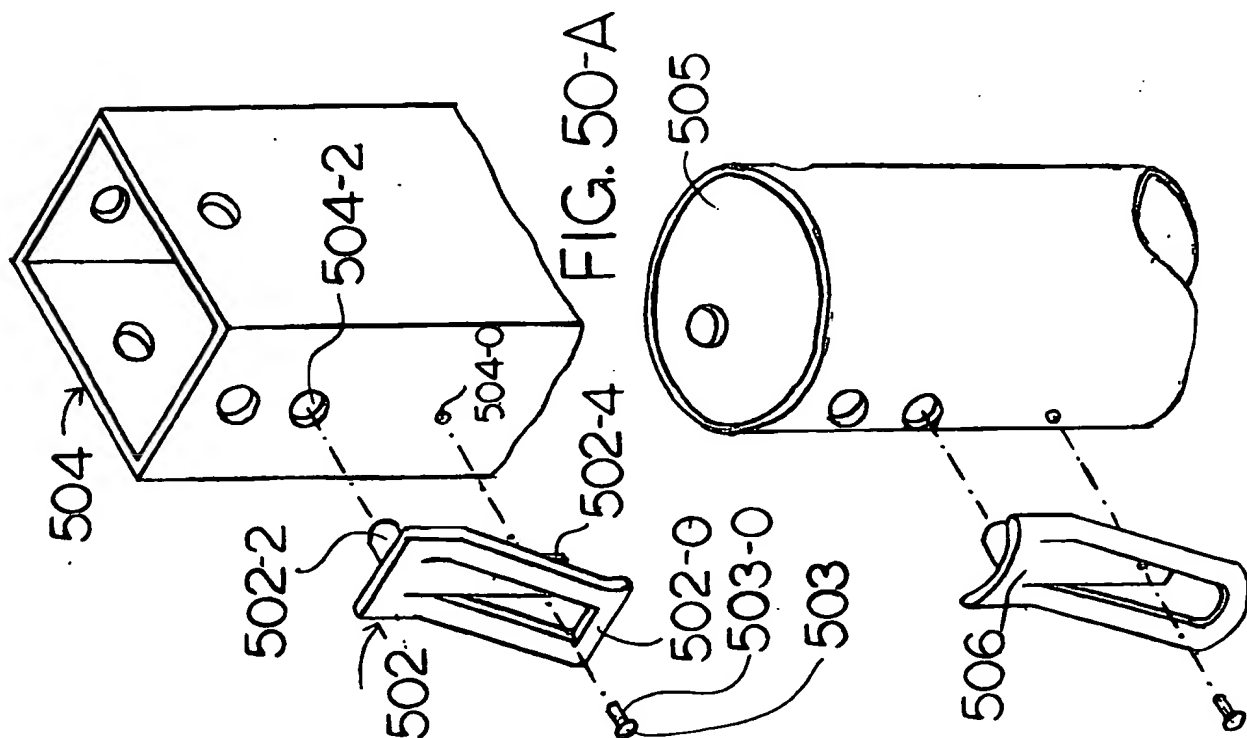


FIG. 50-A'

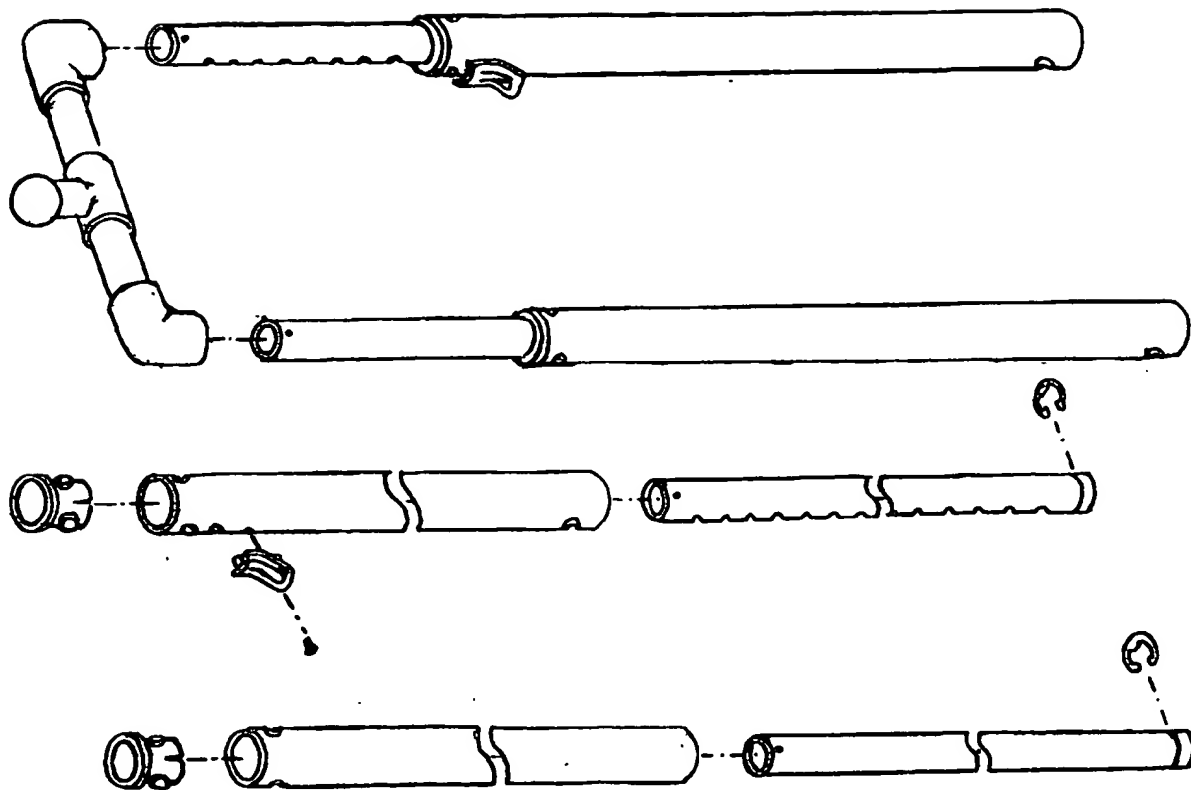


FIG. 50-C

FIG. 50-C'

+

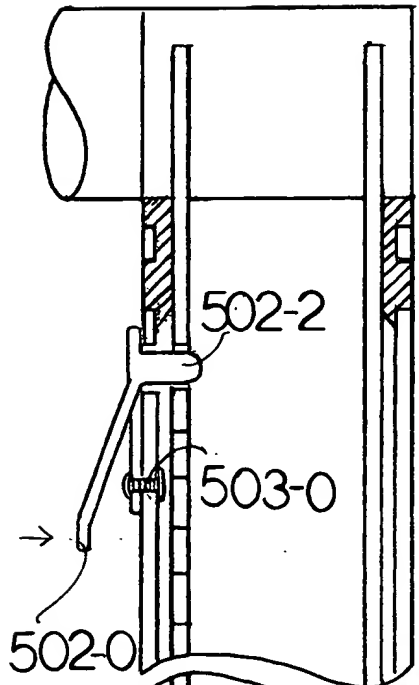


FIG. 50-B

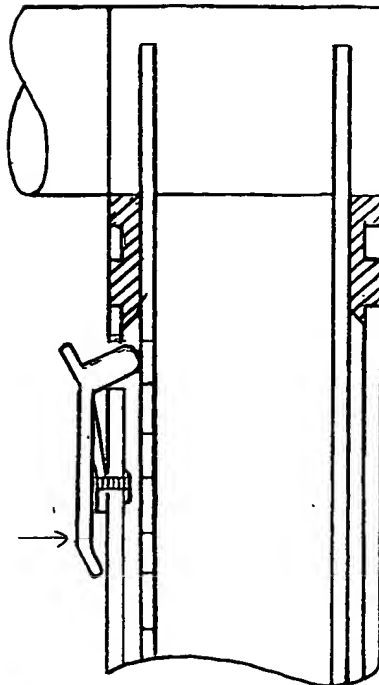


FIG. 50-B'

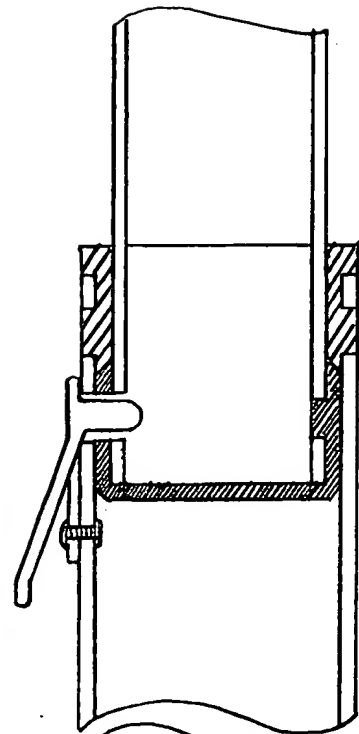


FIG. 50-B''

FIG. 50-B

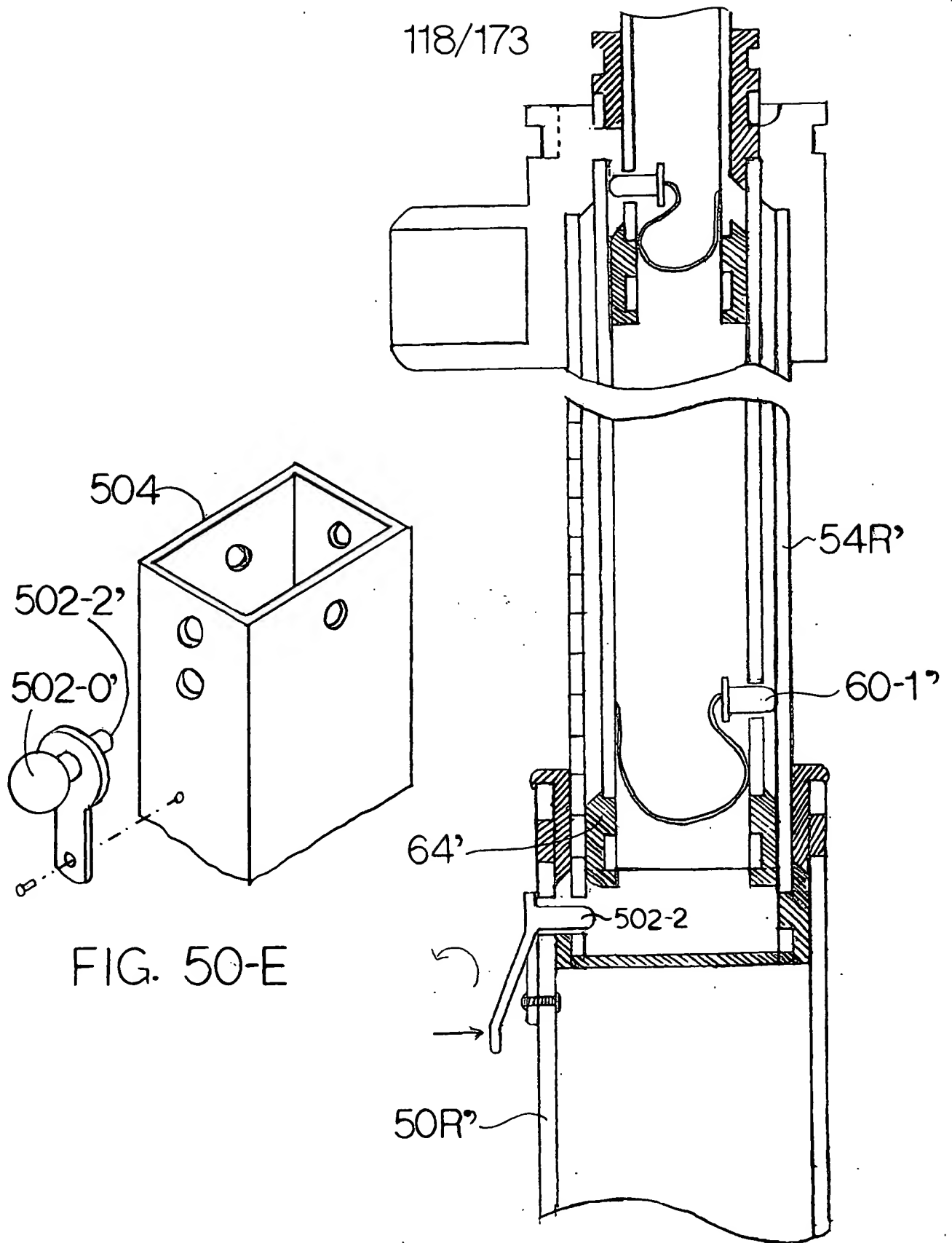


FIG. 50-E

FIG. 50-D

+

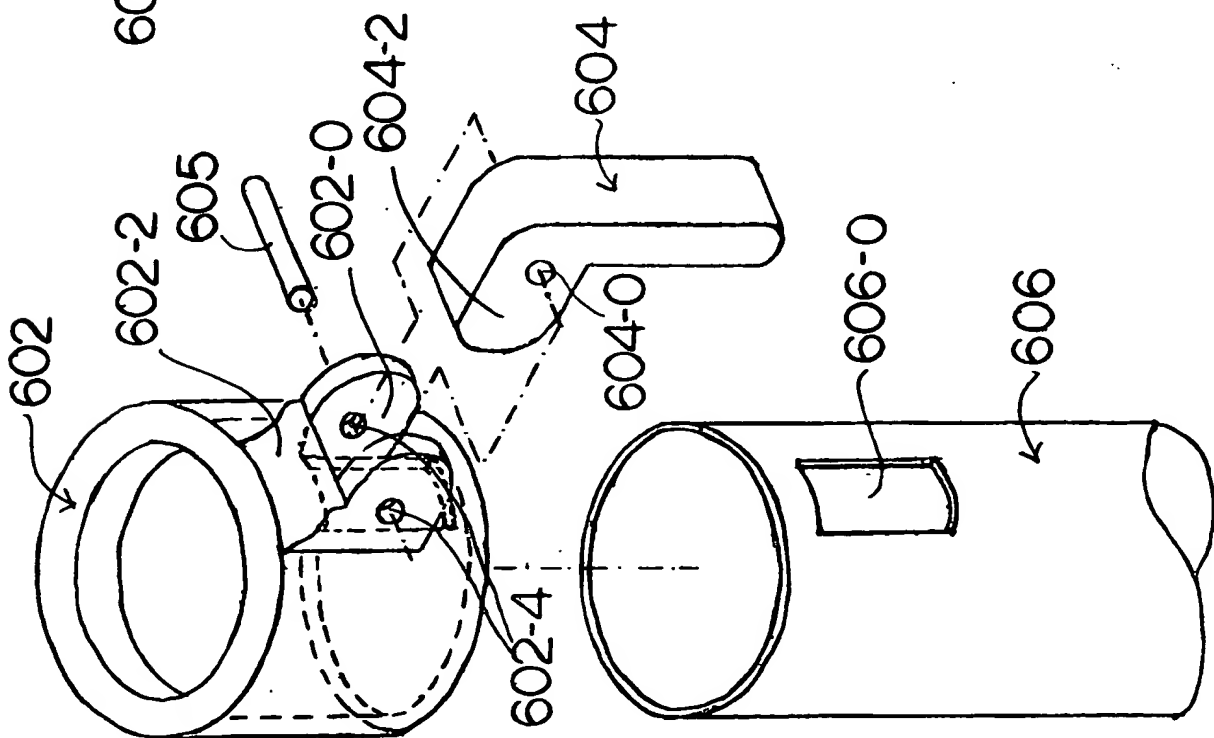


FIG. 51-A

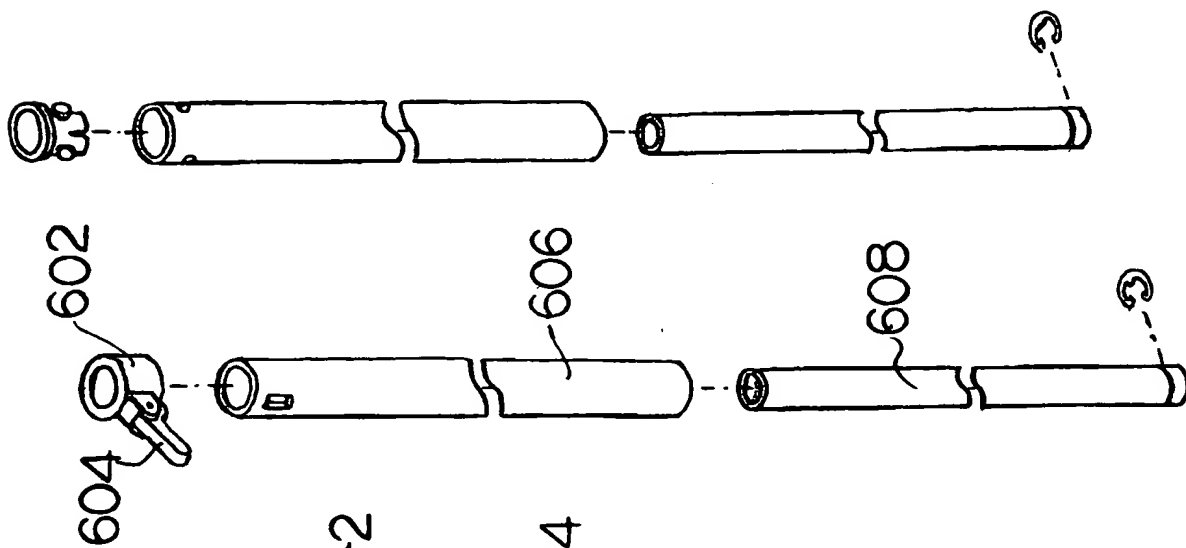


FIG. 51-B

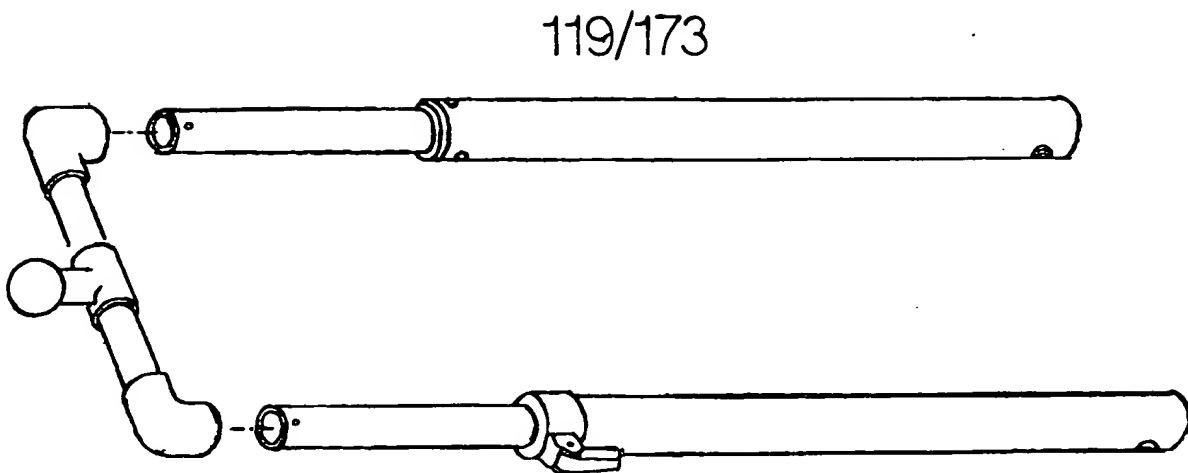


FIG. 51-B'

+

+

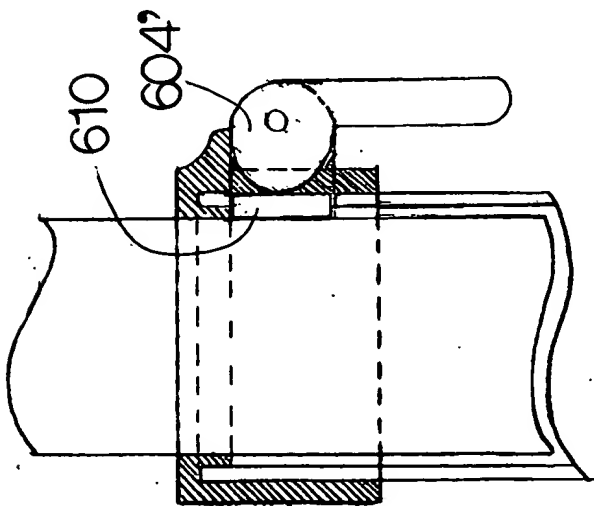


FIG. 51-D1

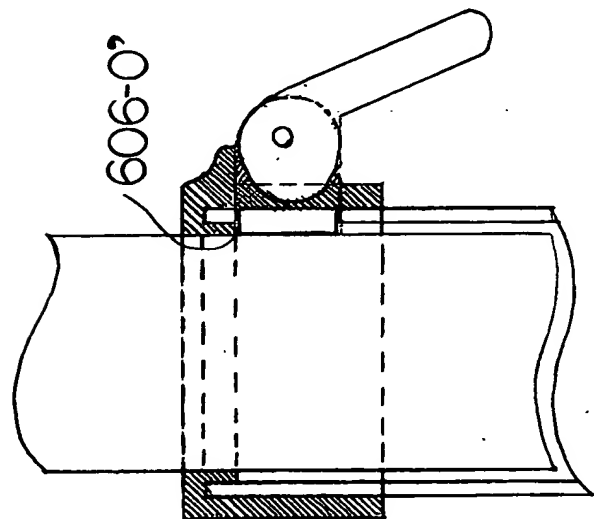


FIG. 51-D2

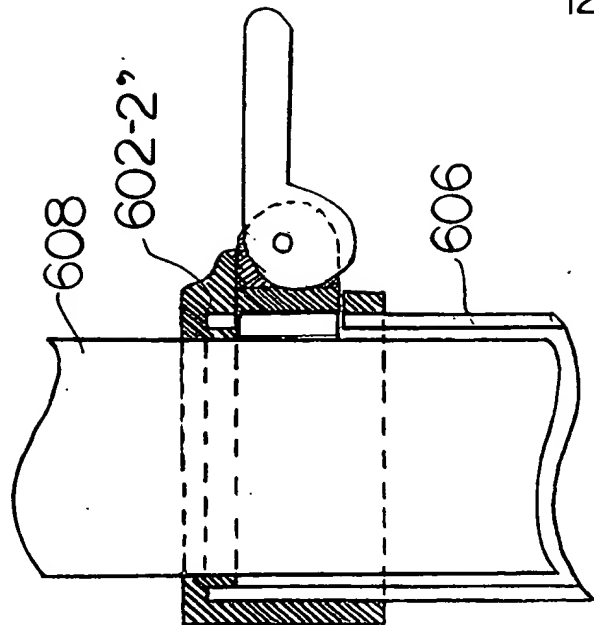


FIG. 51-D3

120/173

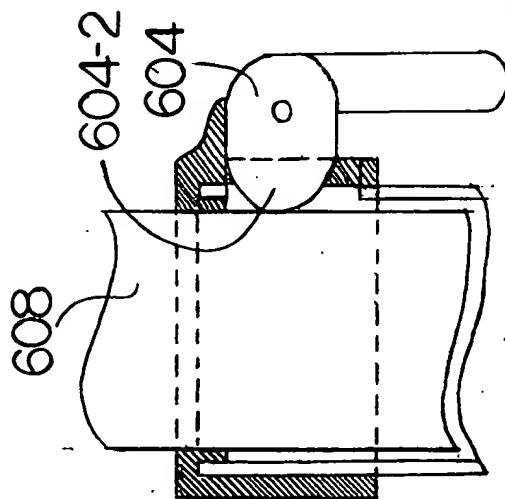


FIG. 51-C1

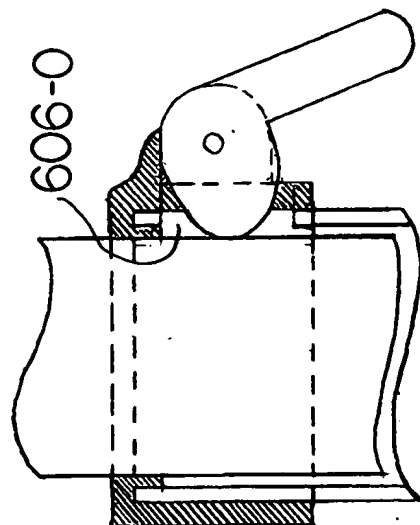


FIG. 51-C2

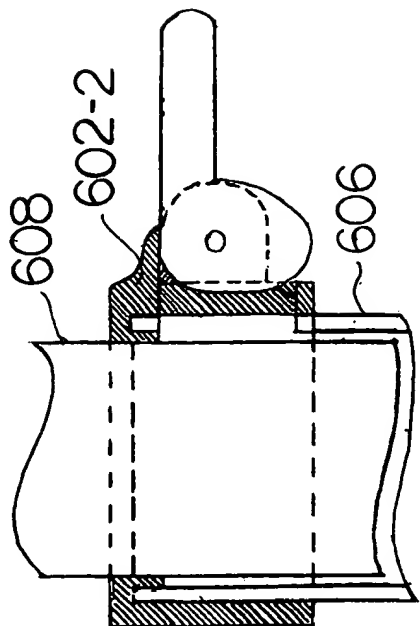


FIG. 51-C3

+

121/173

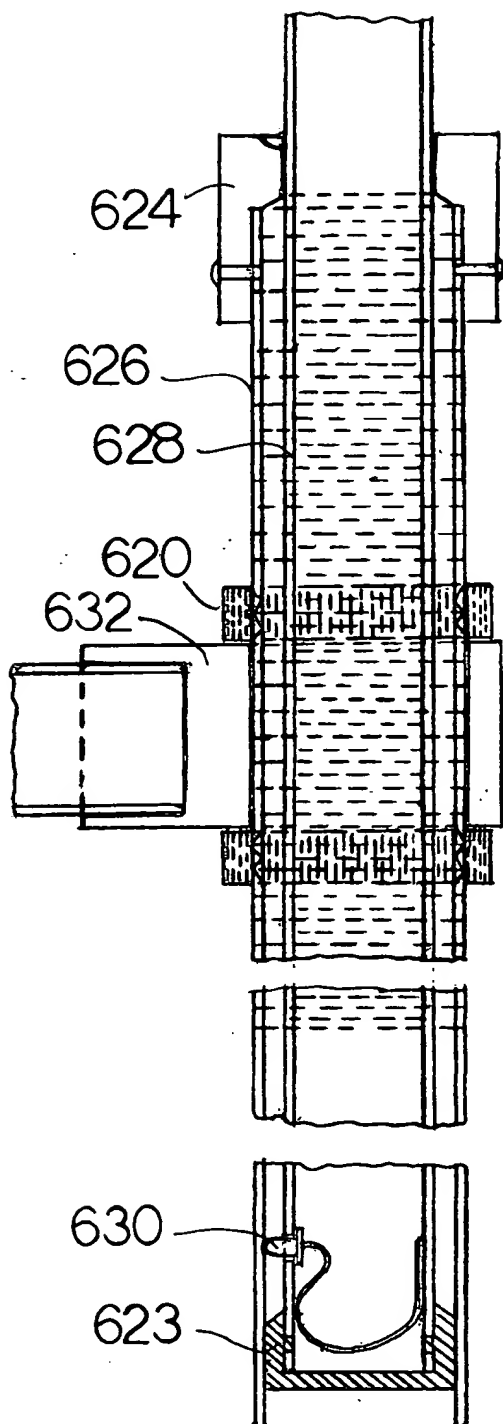


FIG. 51-F

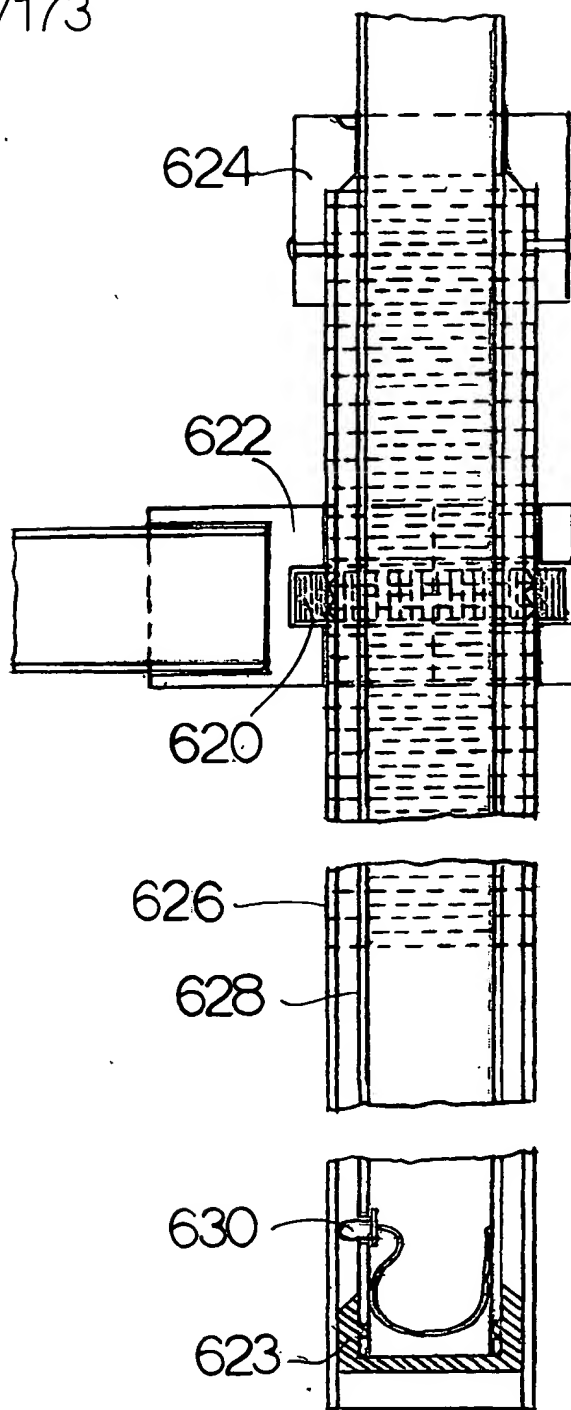


FIG. 51-E

FIG. 51-E'

122/173

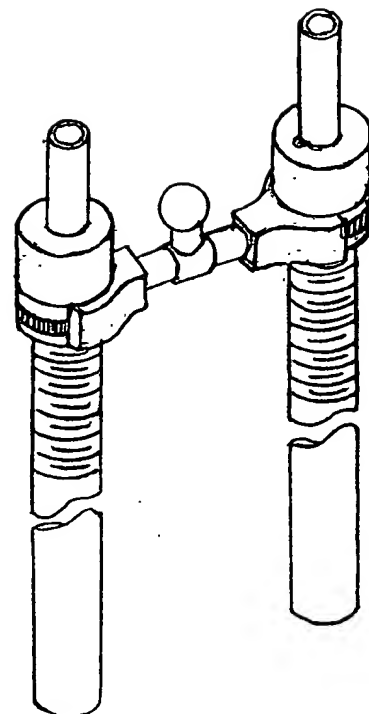
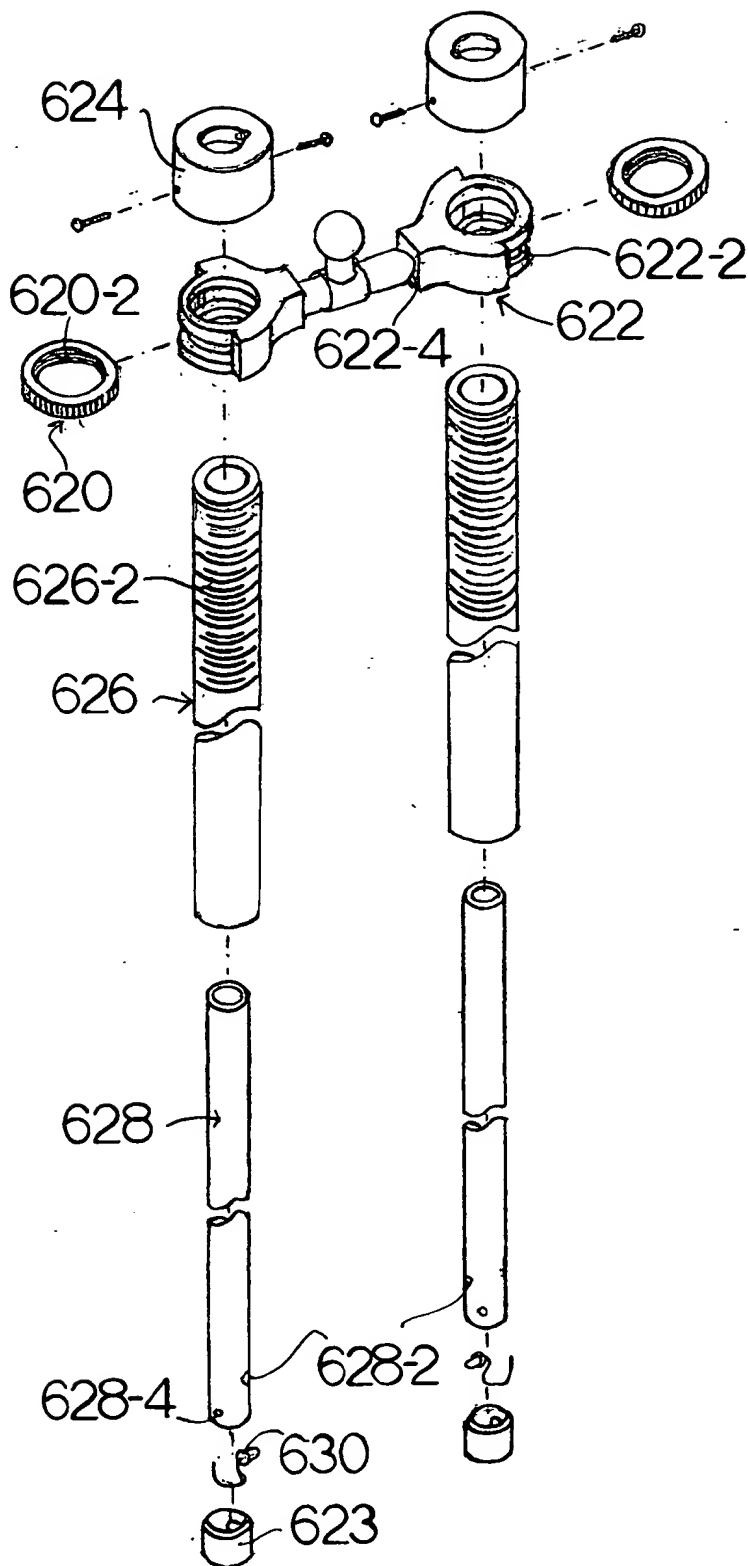


FIG. 51-E''

FIG. 51-F'

123/173

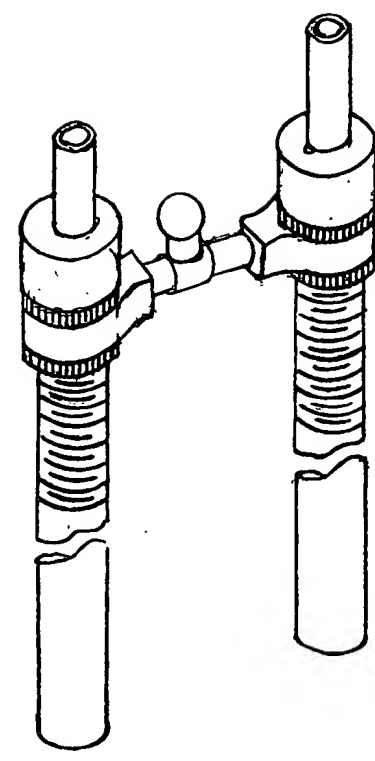
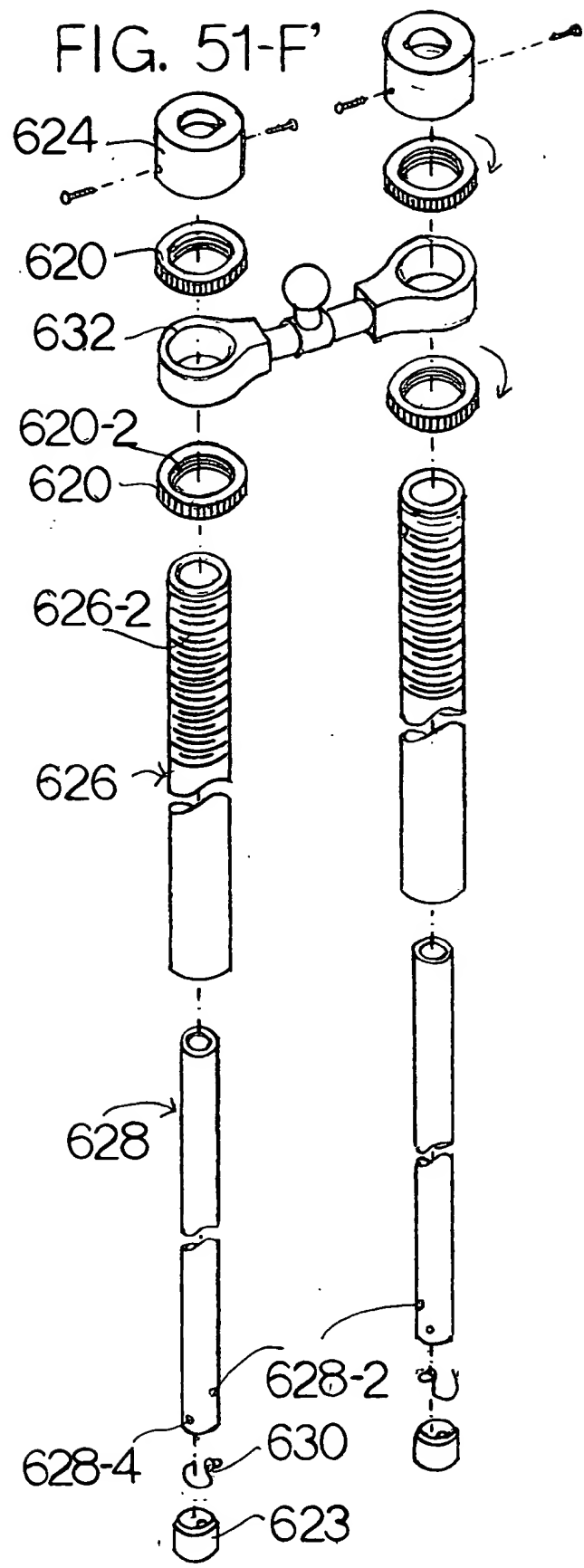


FIG. 51-F''

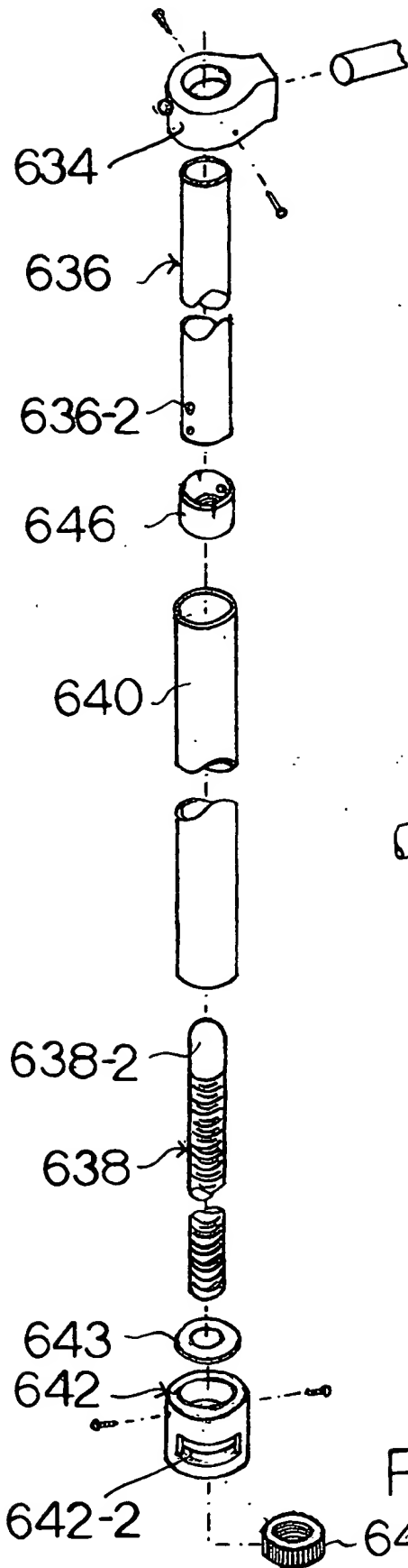


FIG. 51-G'

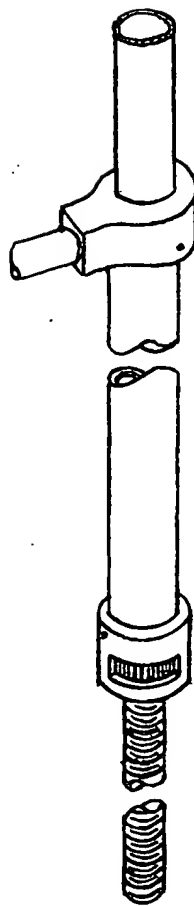


FIG. 51-G''

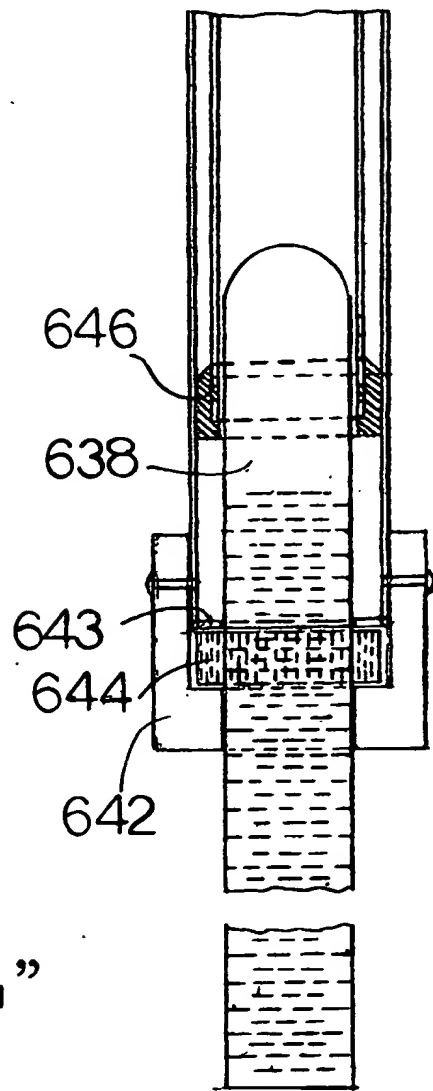
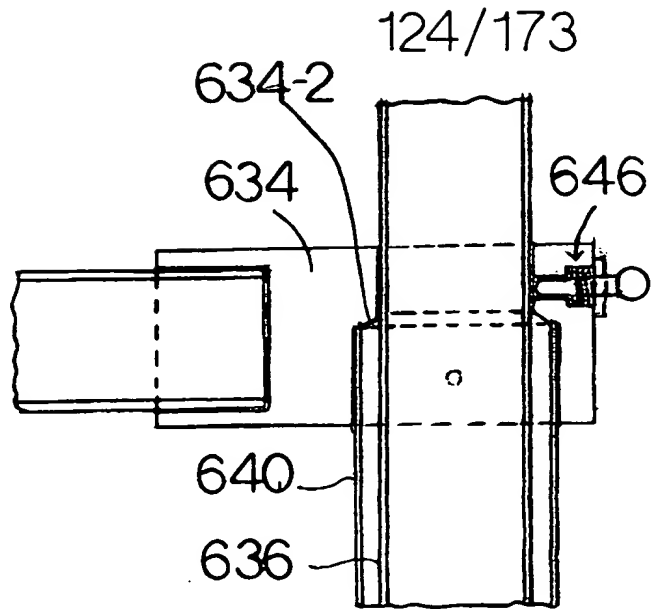


FIG. 51-G.

FIG. 52-X

PRIOR ART

125/173

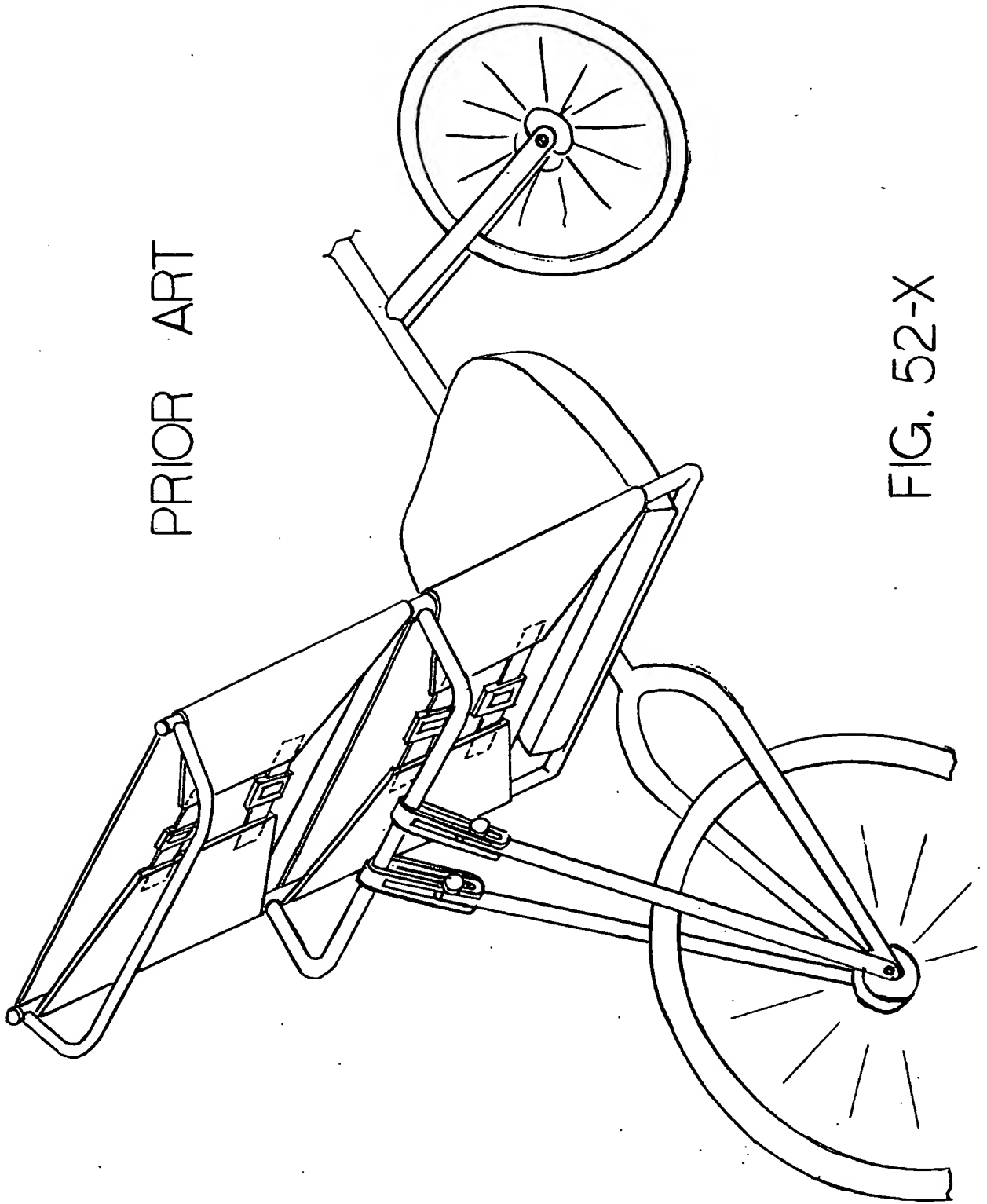


FIG. 52-X

FIG. 52-A

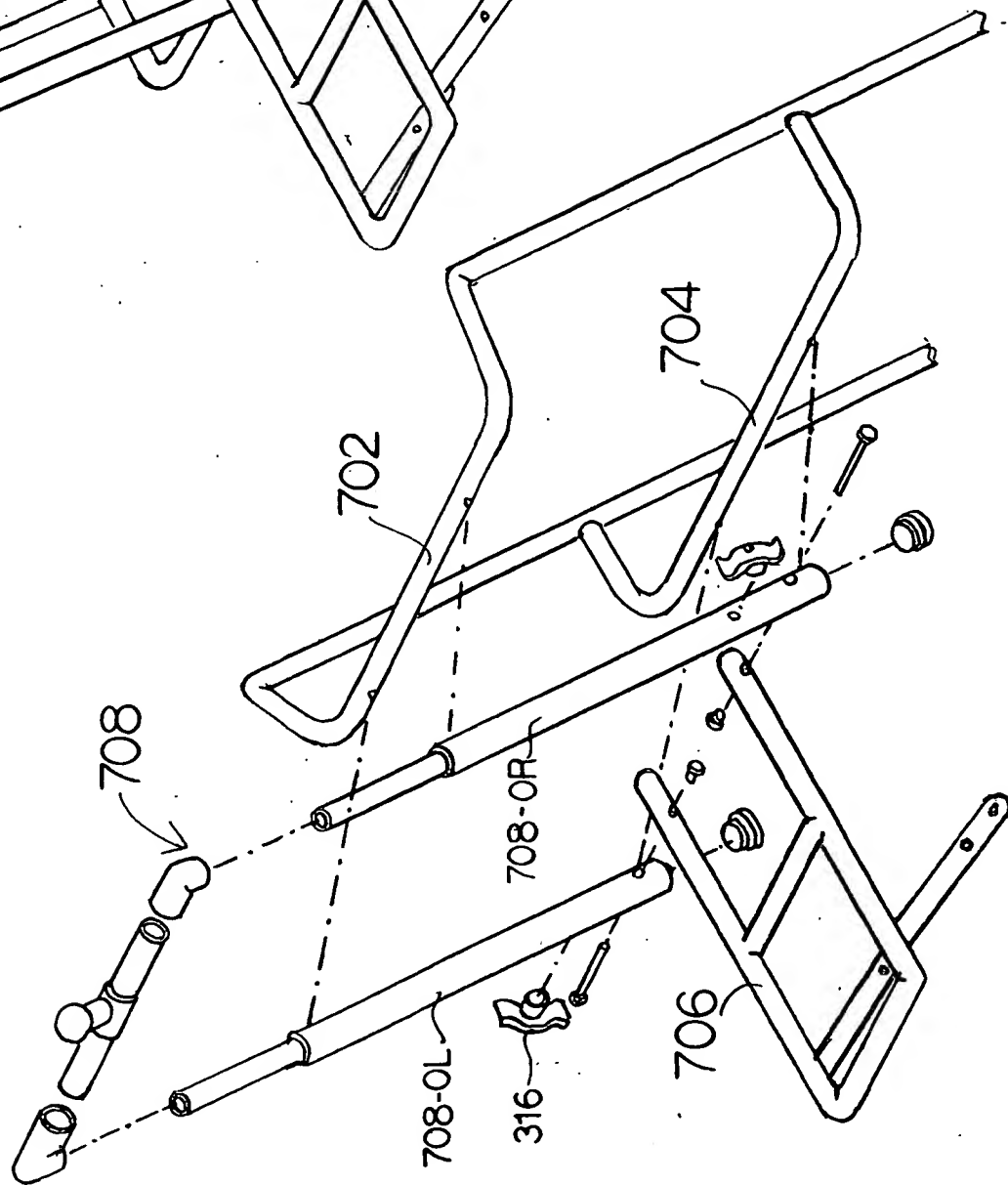


FIG. 52-A'

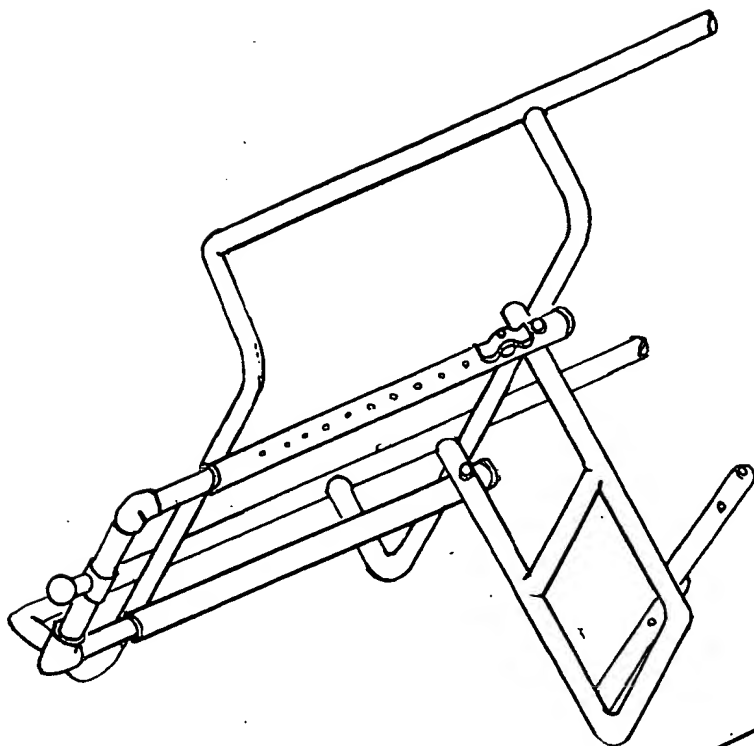
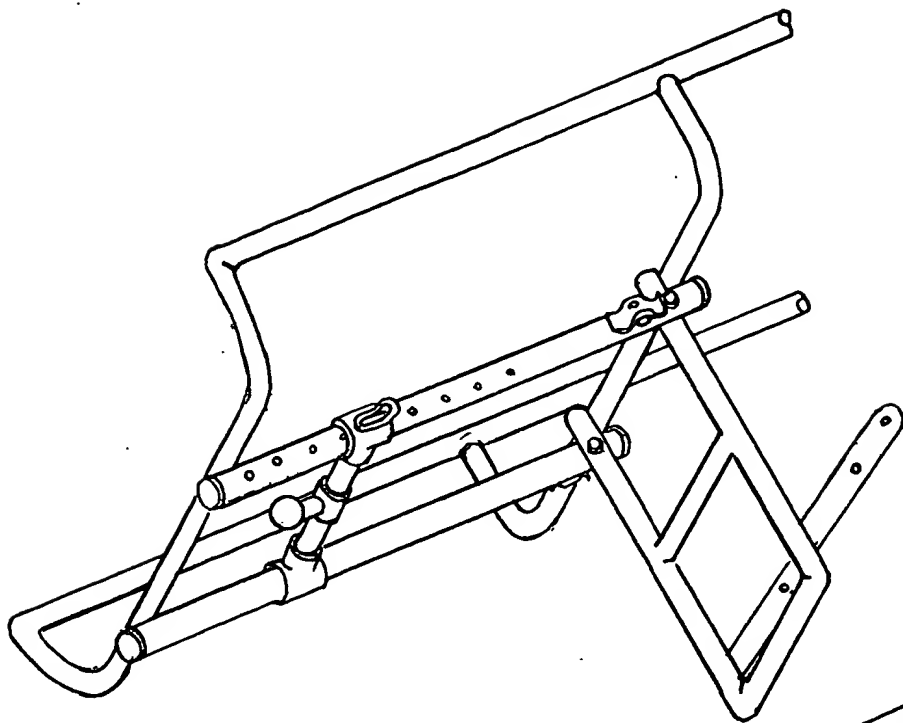
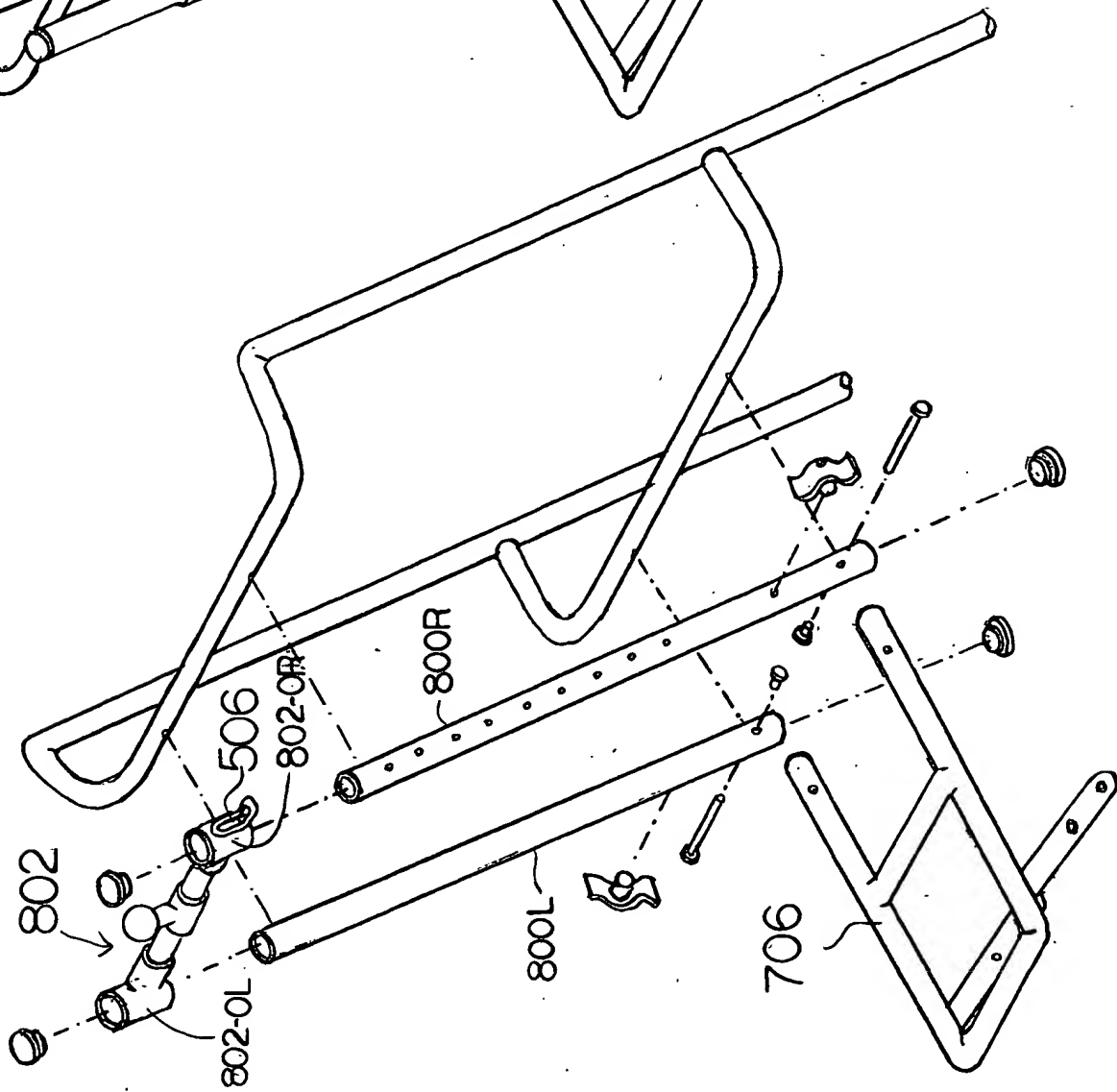


FIG. 52-A' 126/173

+

FIG. 52-B

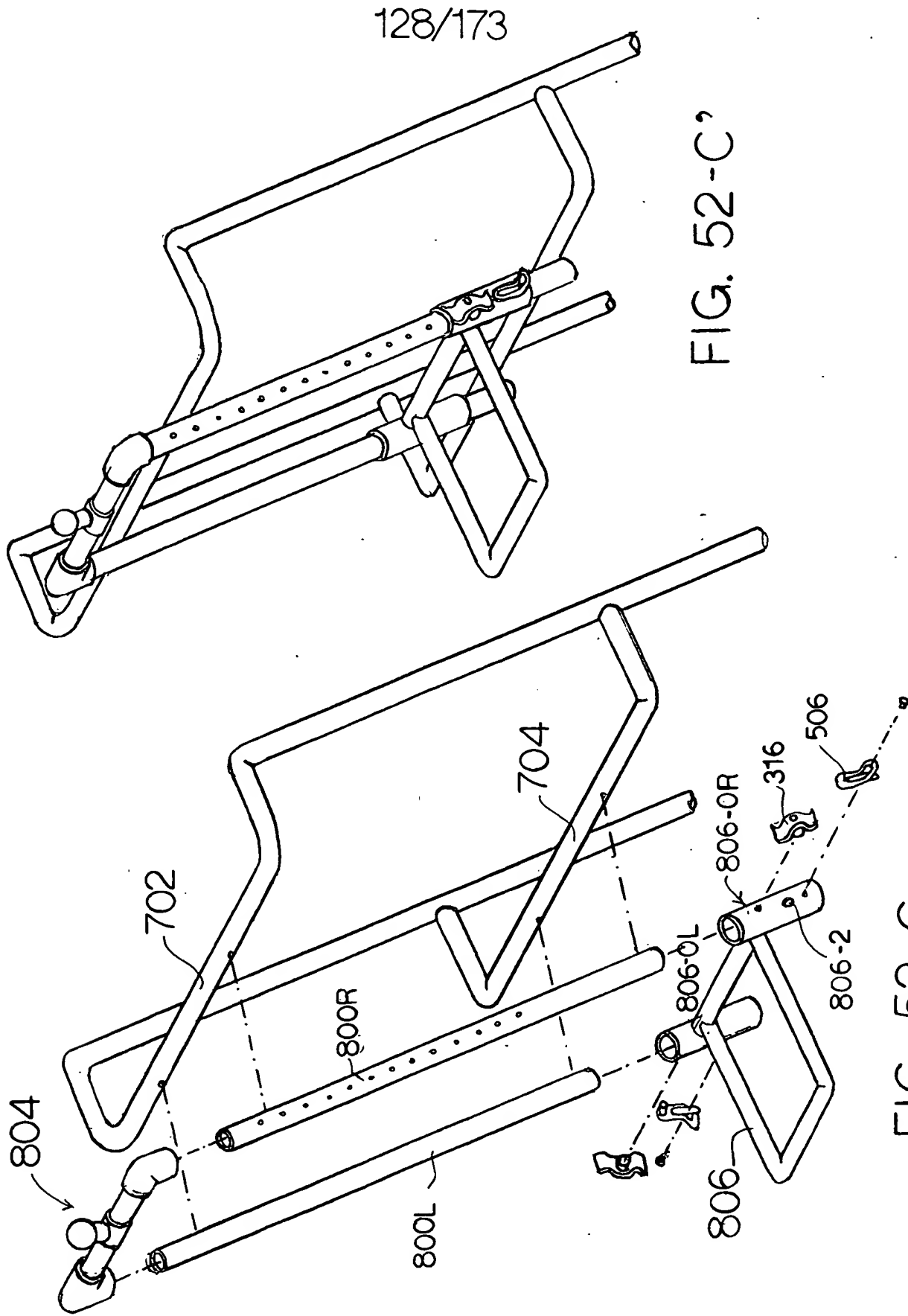


127/173

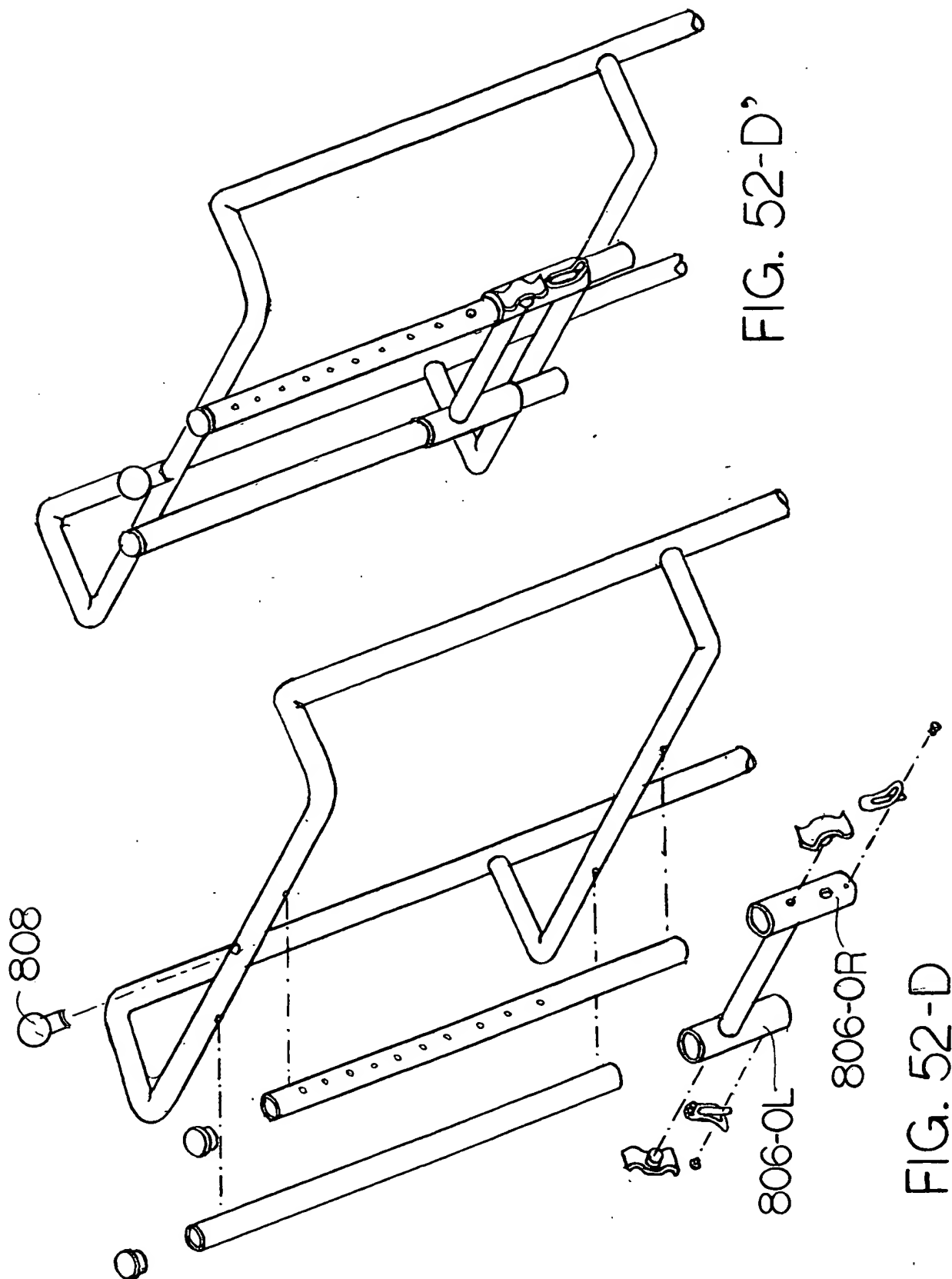
FIG. 52-B'

+

FIG. 52-C



+



+

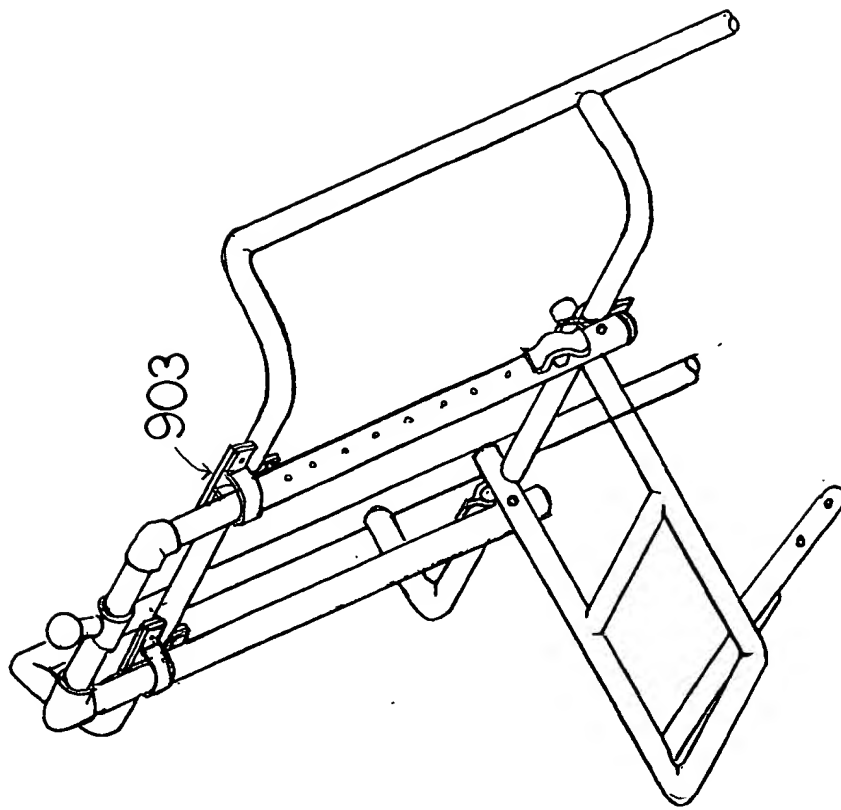


FIG. 52-E

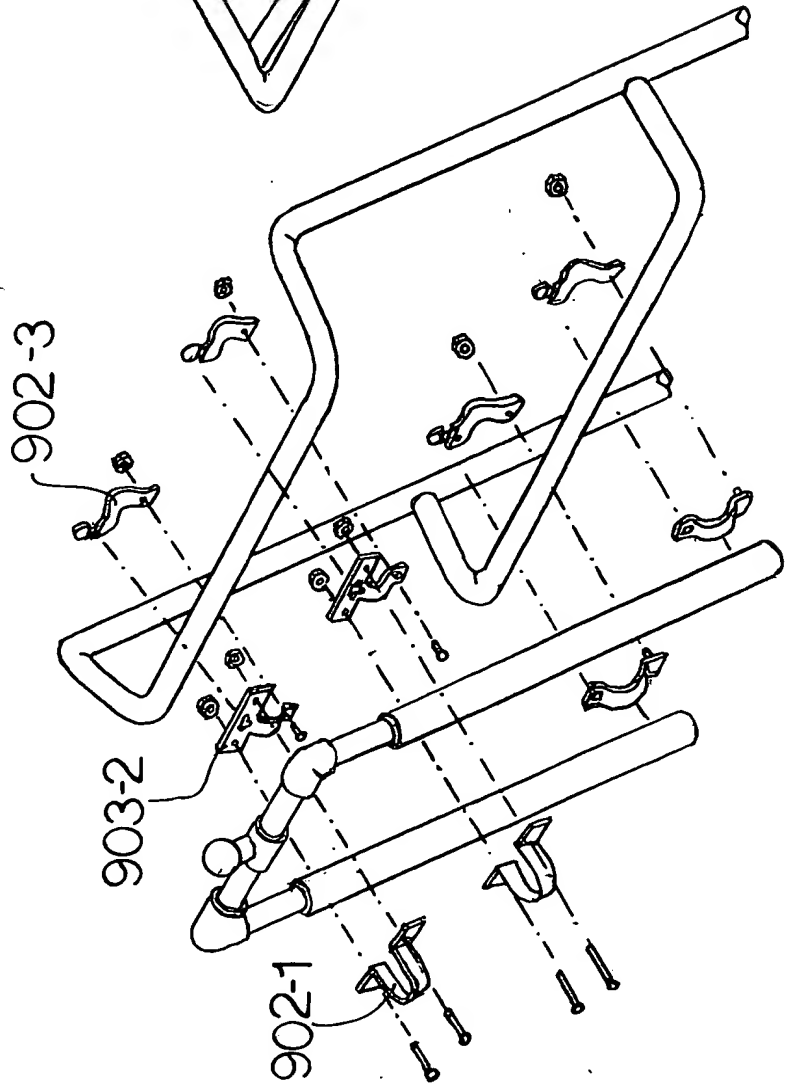


FIG. 52-E'

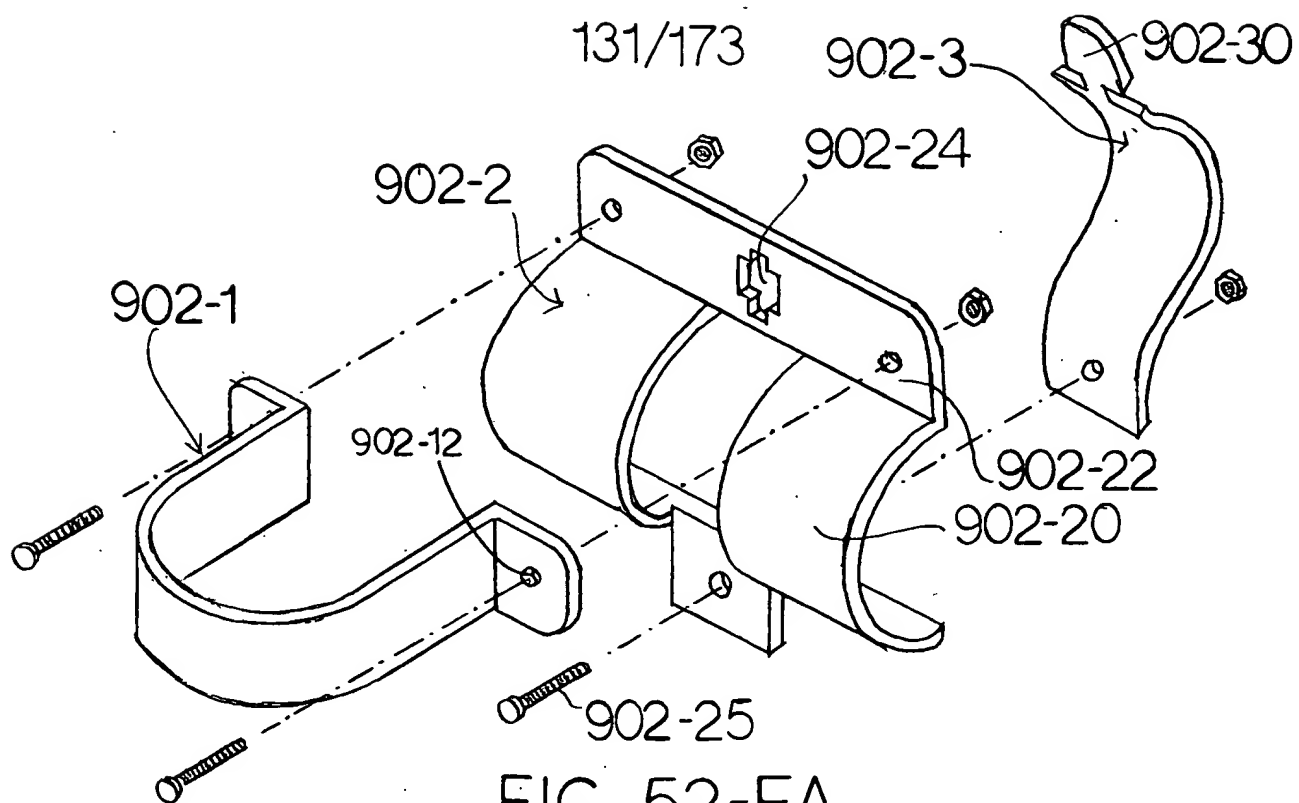


FIG. 52-EA

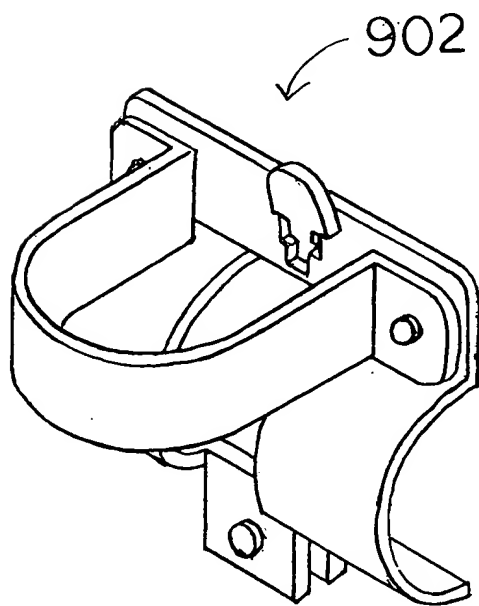


FIG. 52-EA'

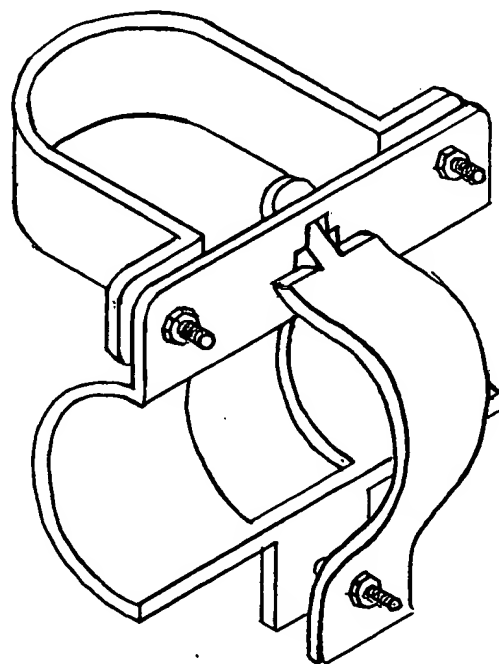


FIG. 52-EA''

+

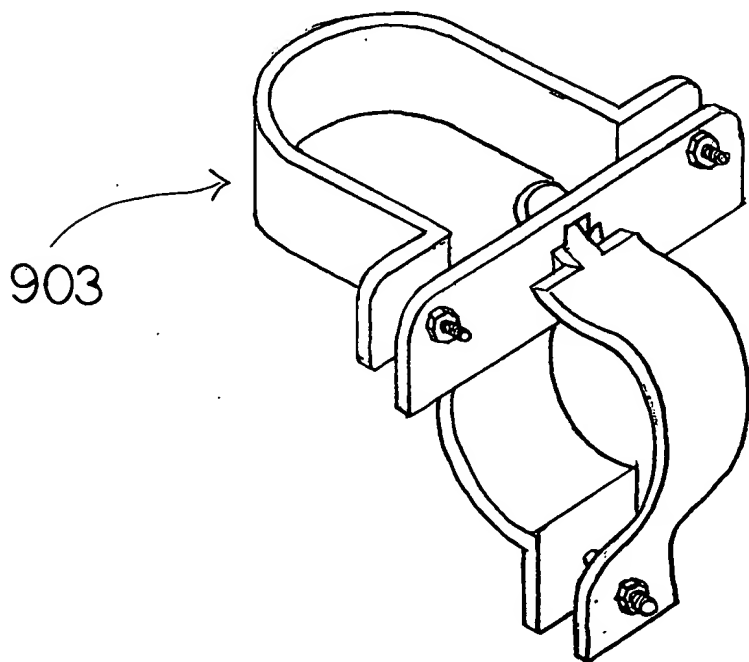
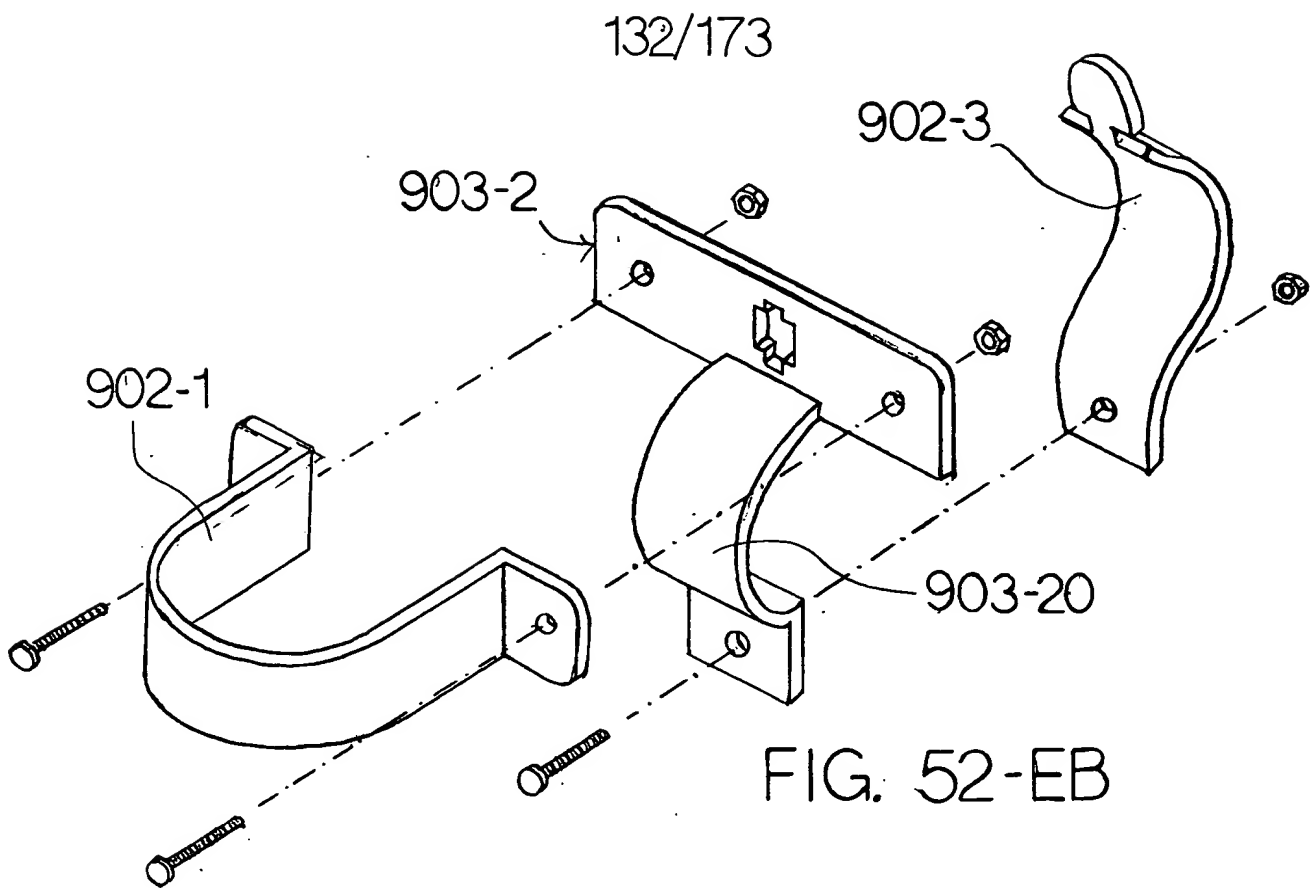


FIG. 52-EB'

+

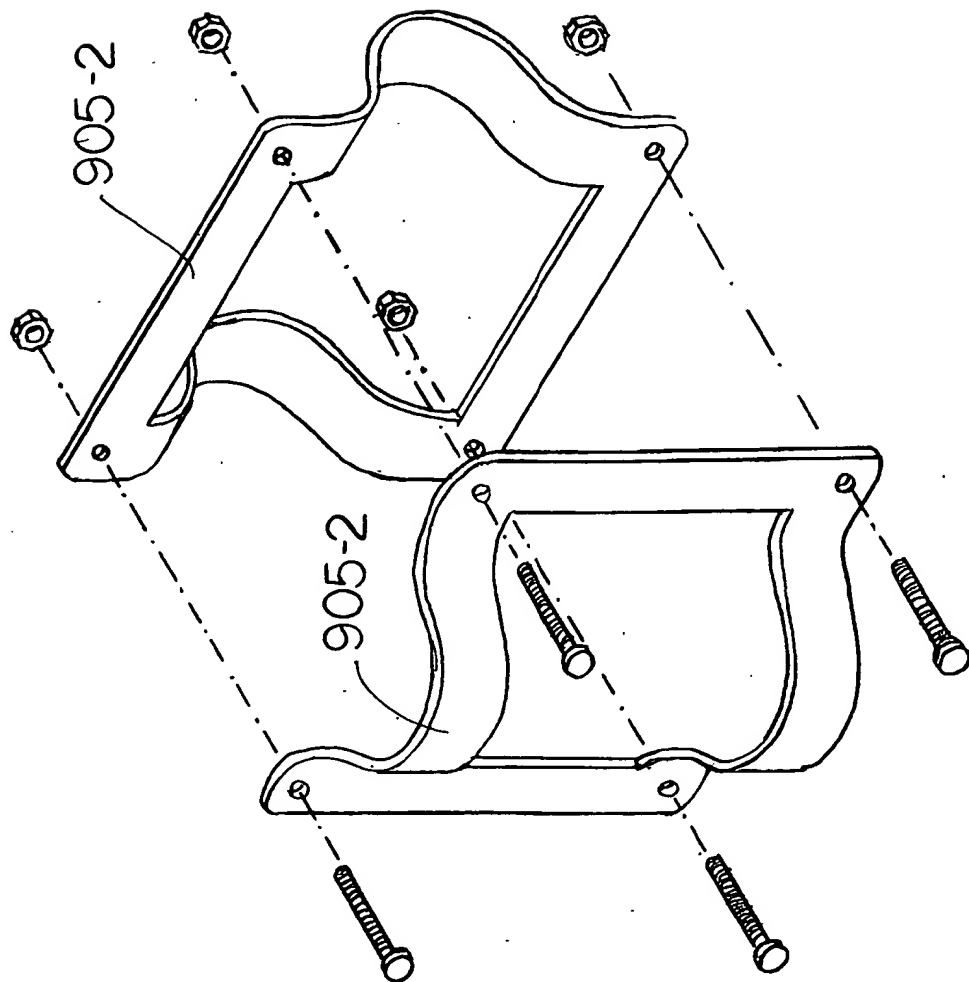


FIG. 52-EC

133/173

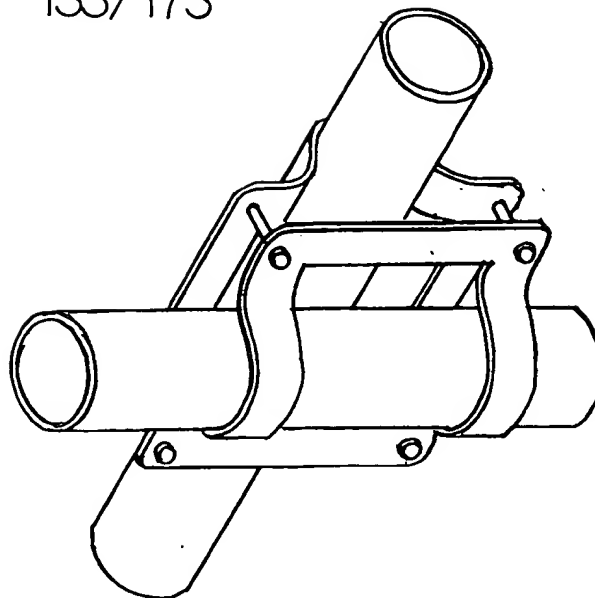


FIG. 52-EC'

+

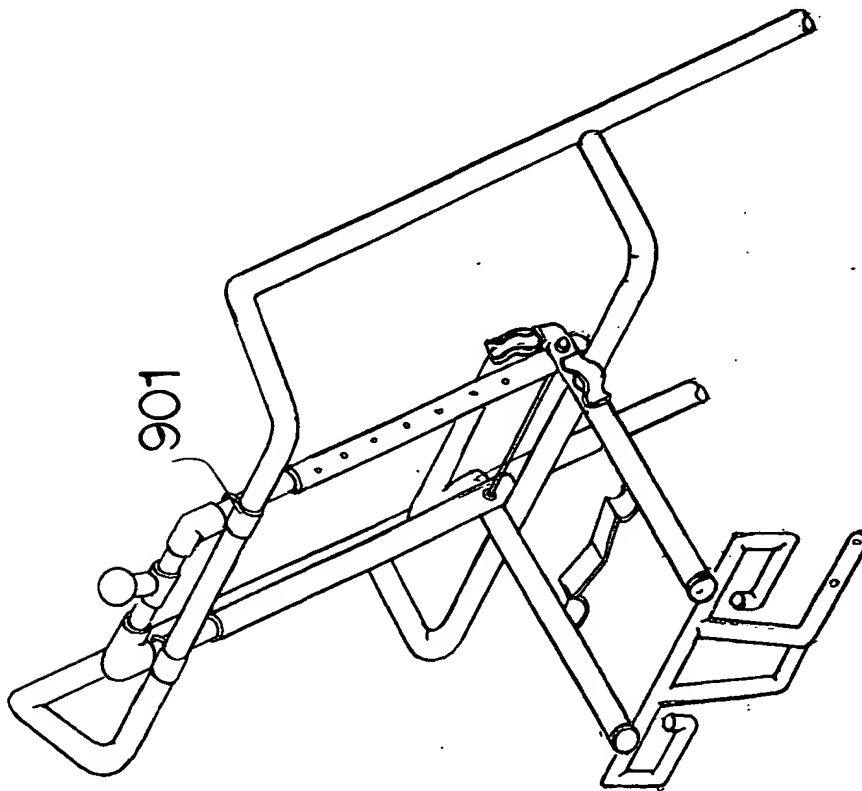


FIG. 52-F

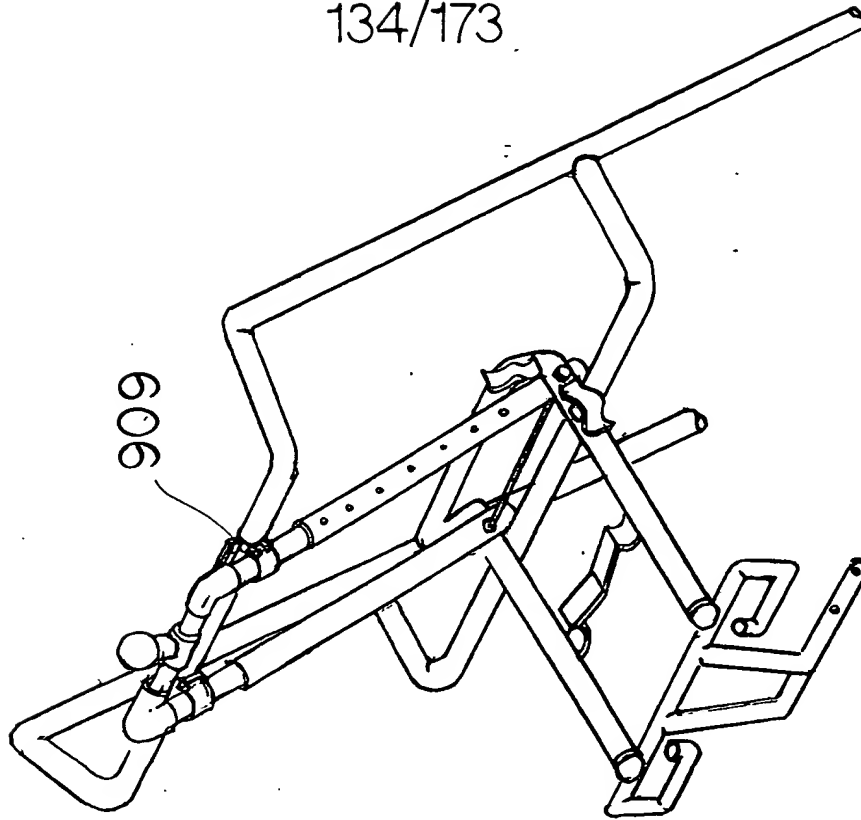


FIG. 52-G

134/173

+

+

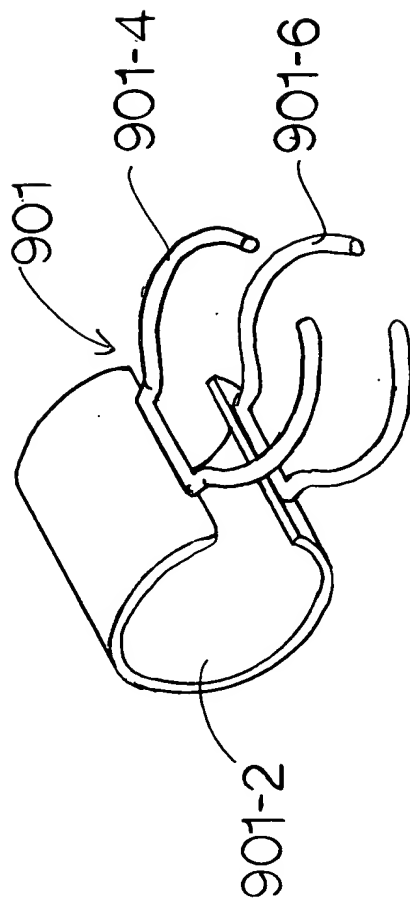


FIG. 52-F'

135/173

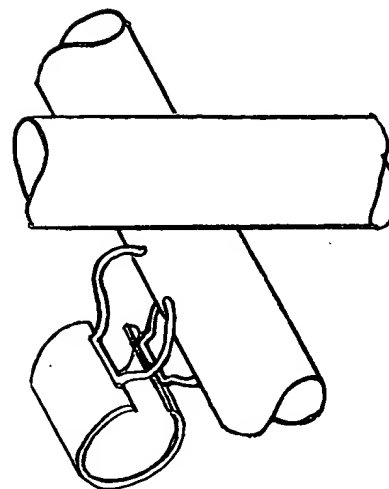


FIG. 52-F'A

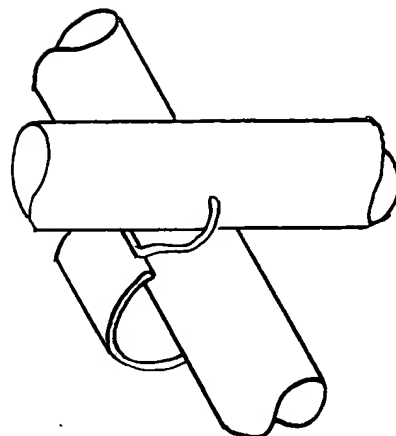


FIG. 52-F'B

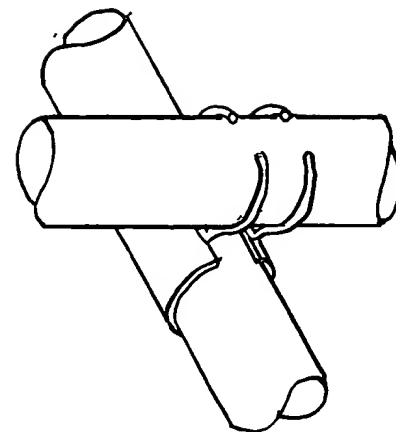


FIG. 52-F'C

+

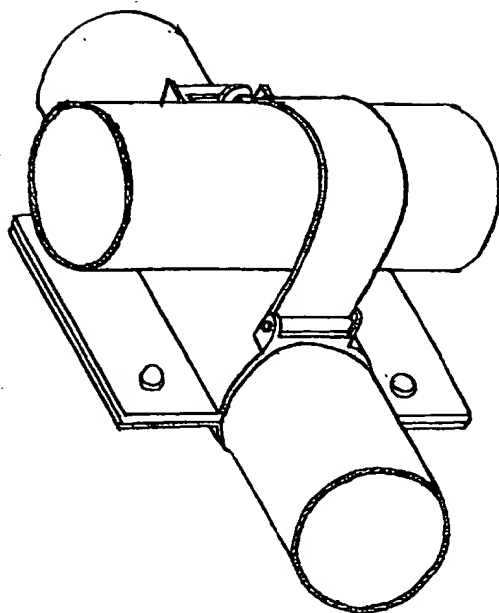


FIG. 52-G'C

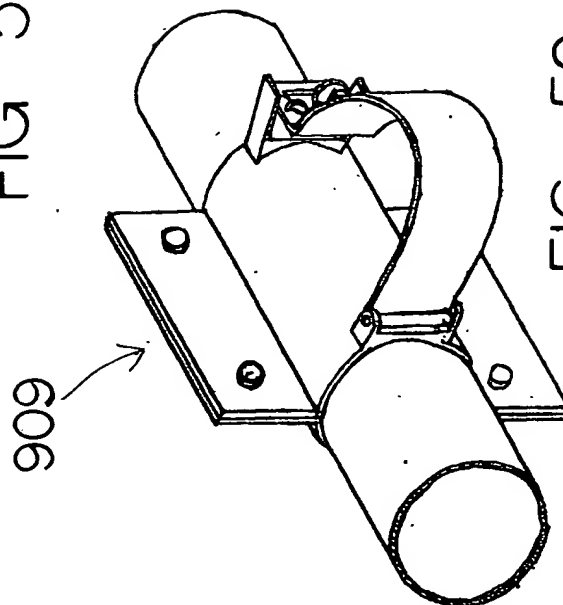


FIG. 52-G'B

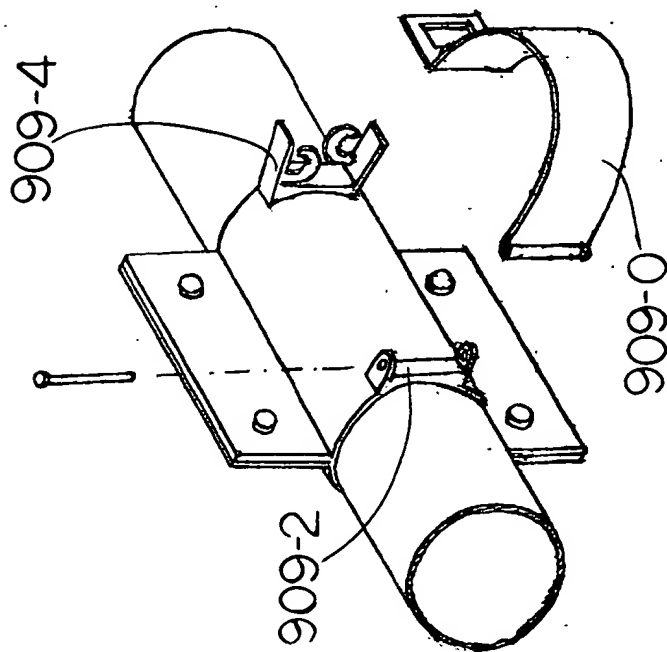
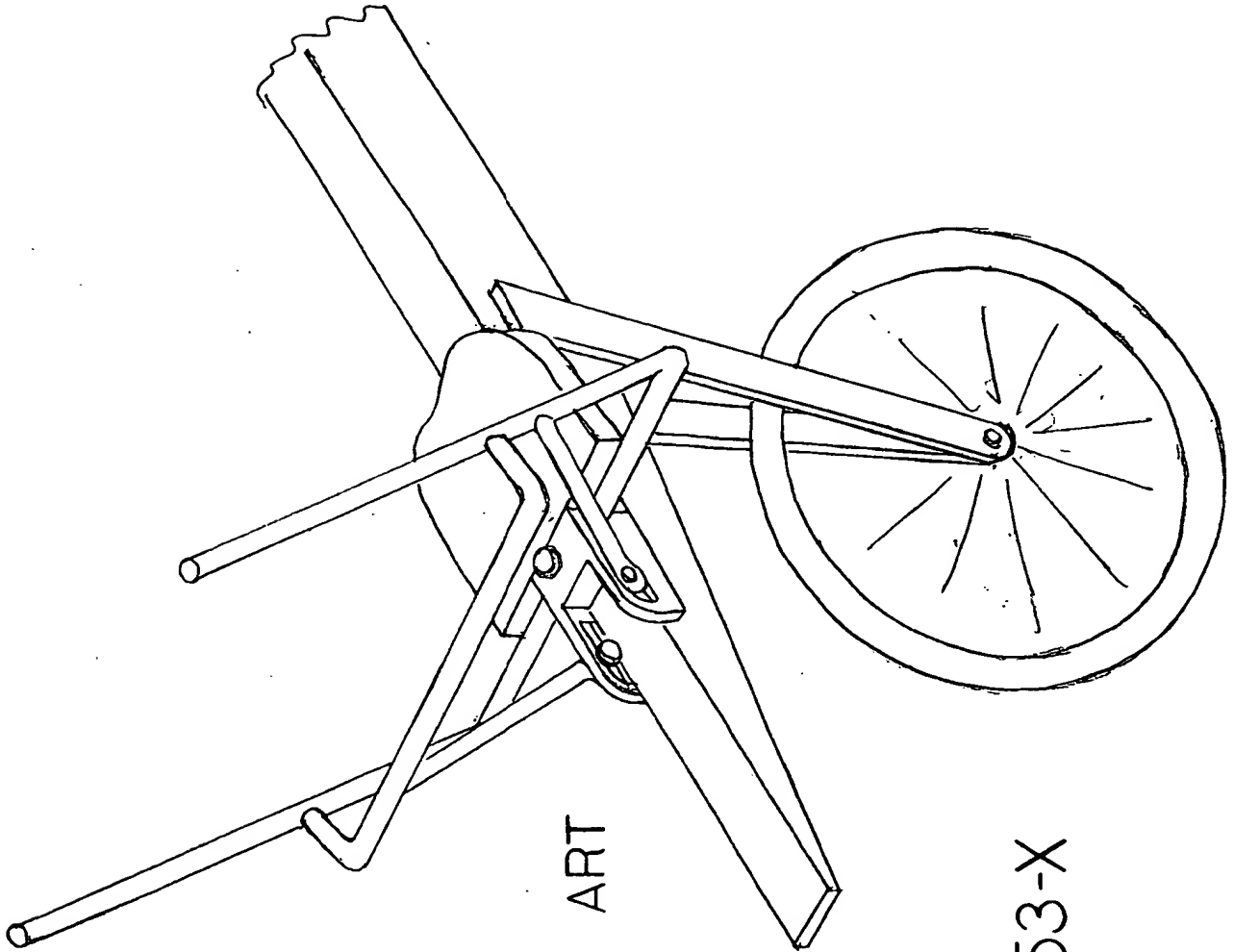


FIG. 52-G'A

137/173

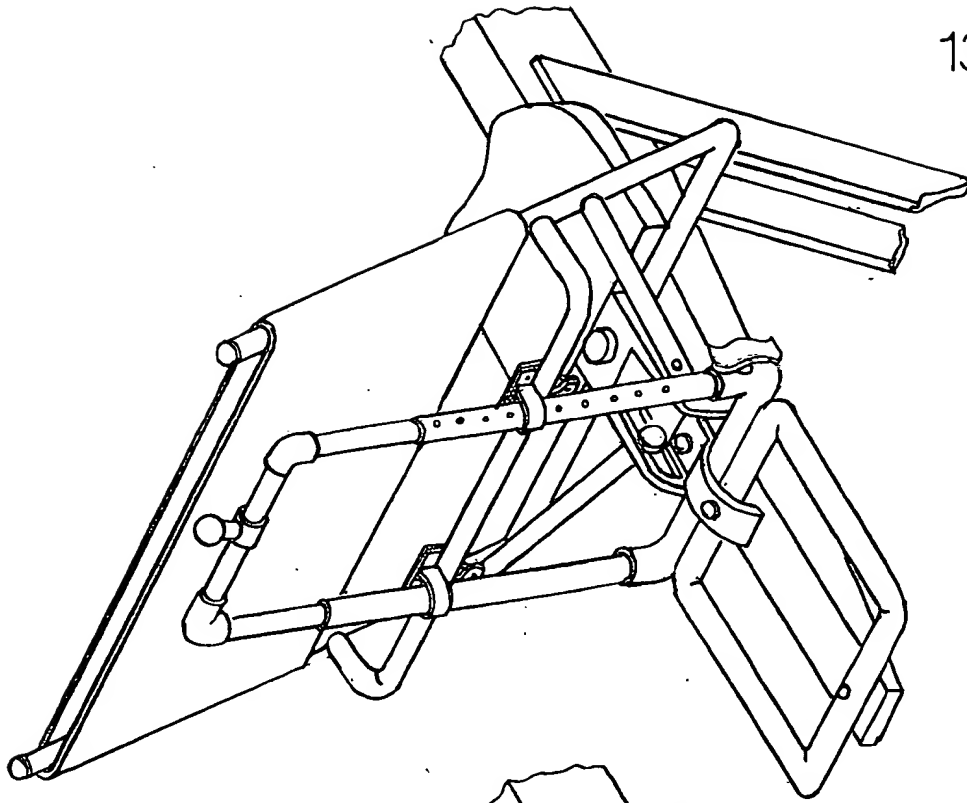


PRIOR ART

FIG. 53-X

FIG. 53-X

FIG. 53-A



138/173

FIG. 53-A'

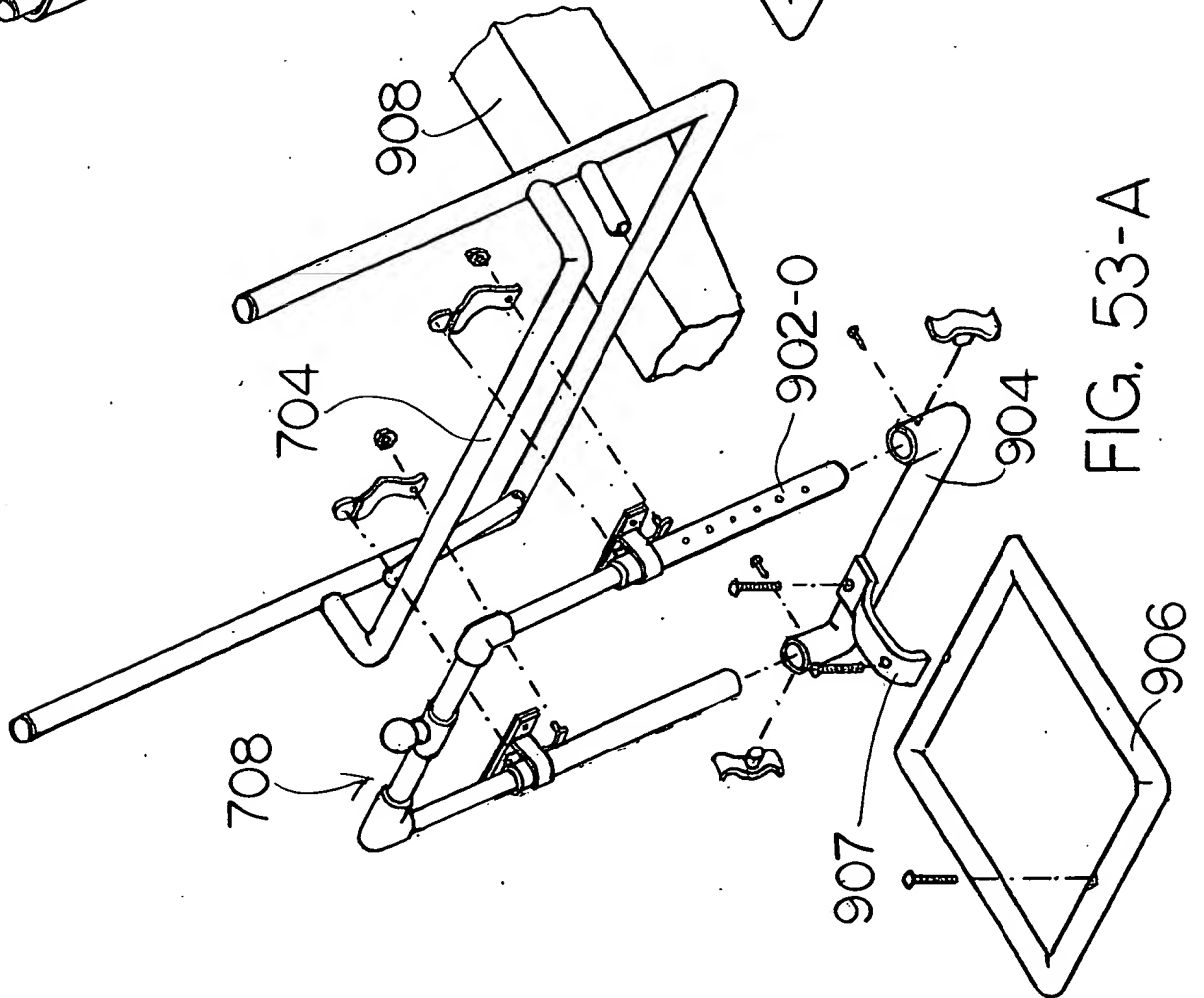


FIG. 53-A

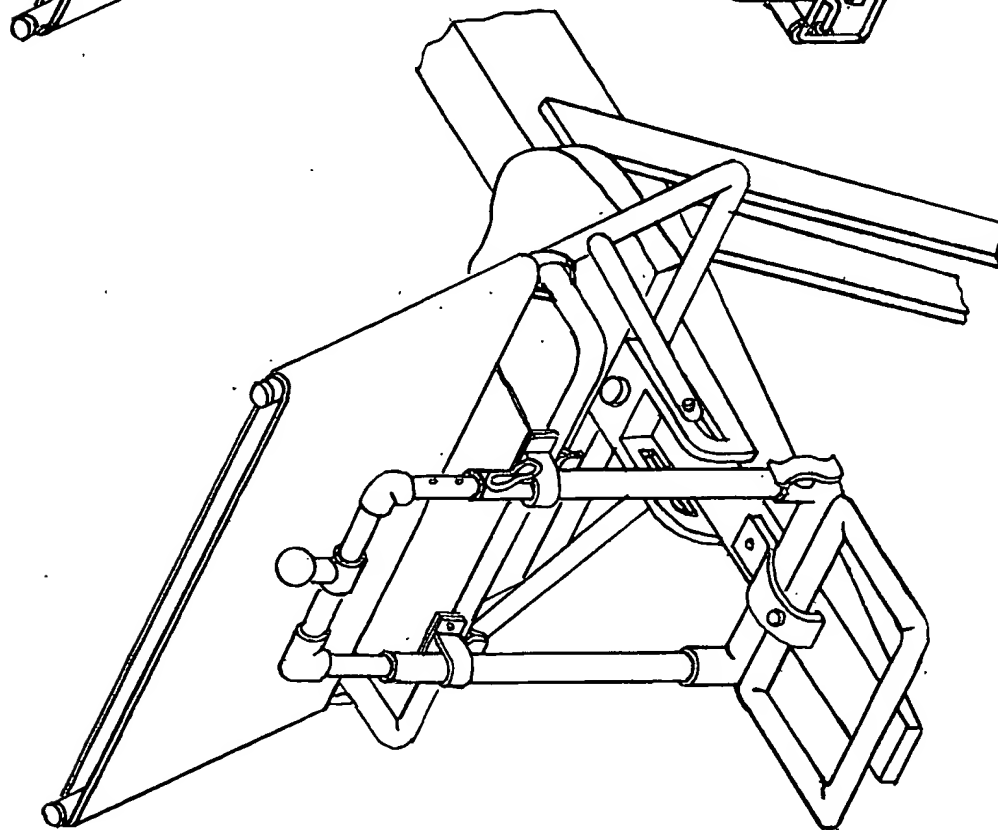


FIG. 53-B

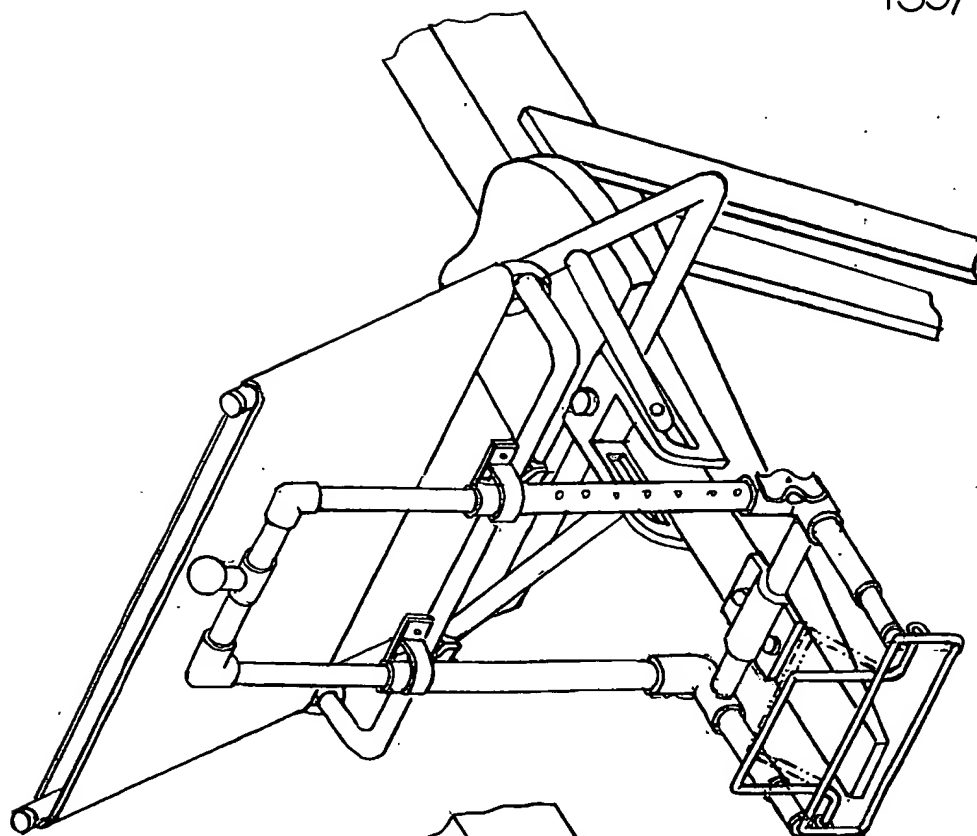


FIG. 53-C

+

140/173

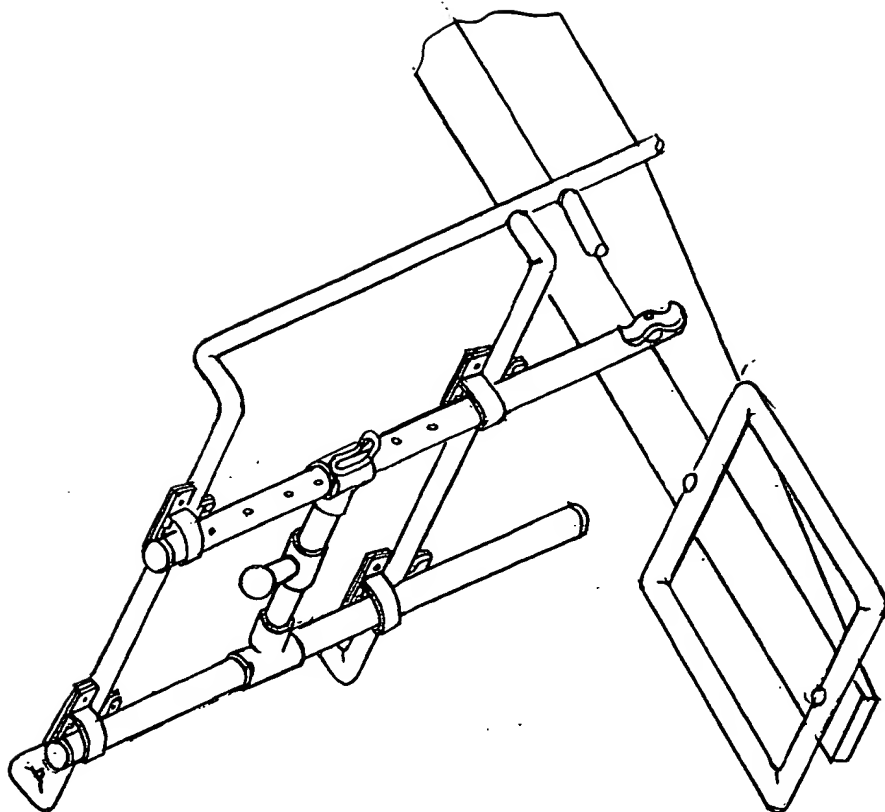
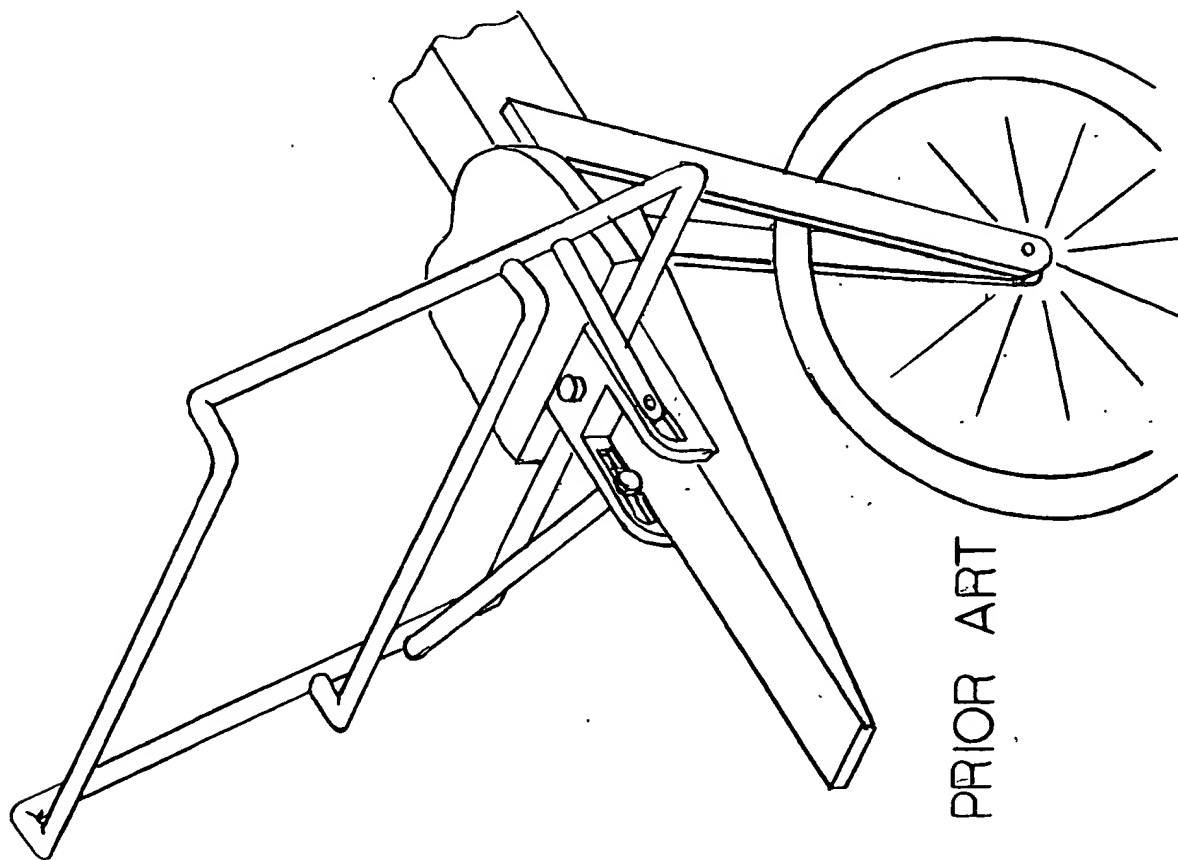


FIG. 54-A



PRIOR ART

FIG. 54-X

+

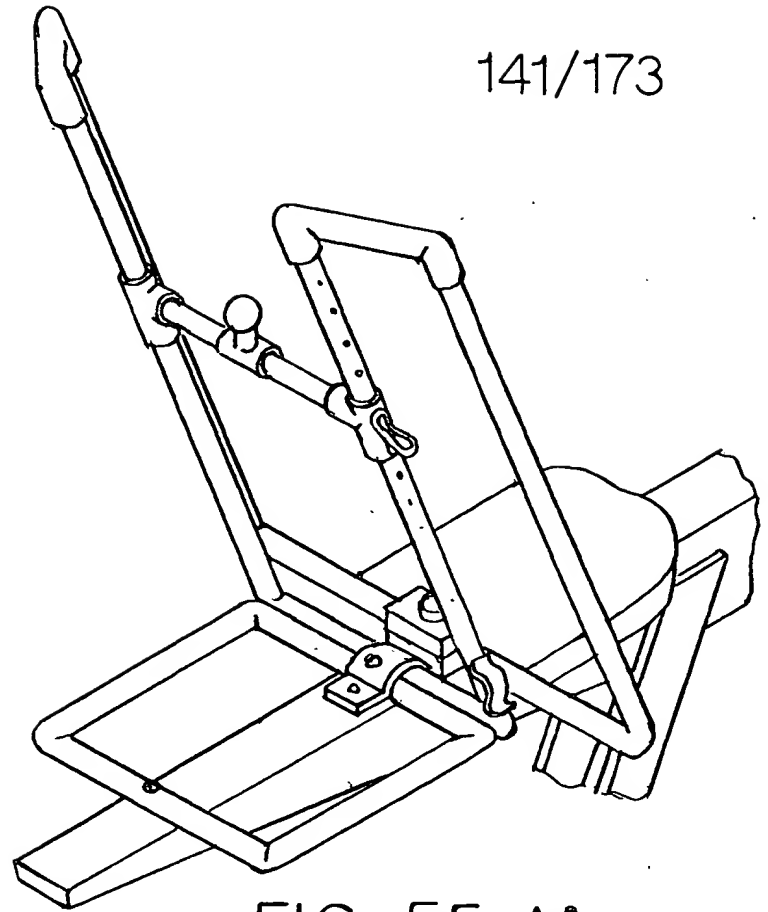


FIG. 55-A'

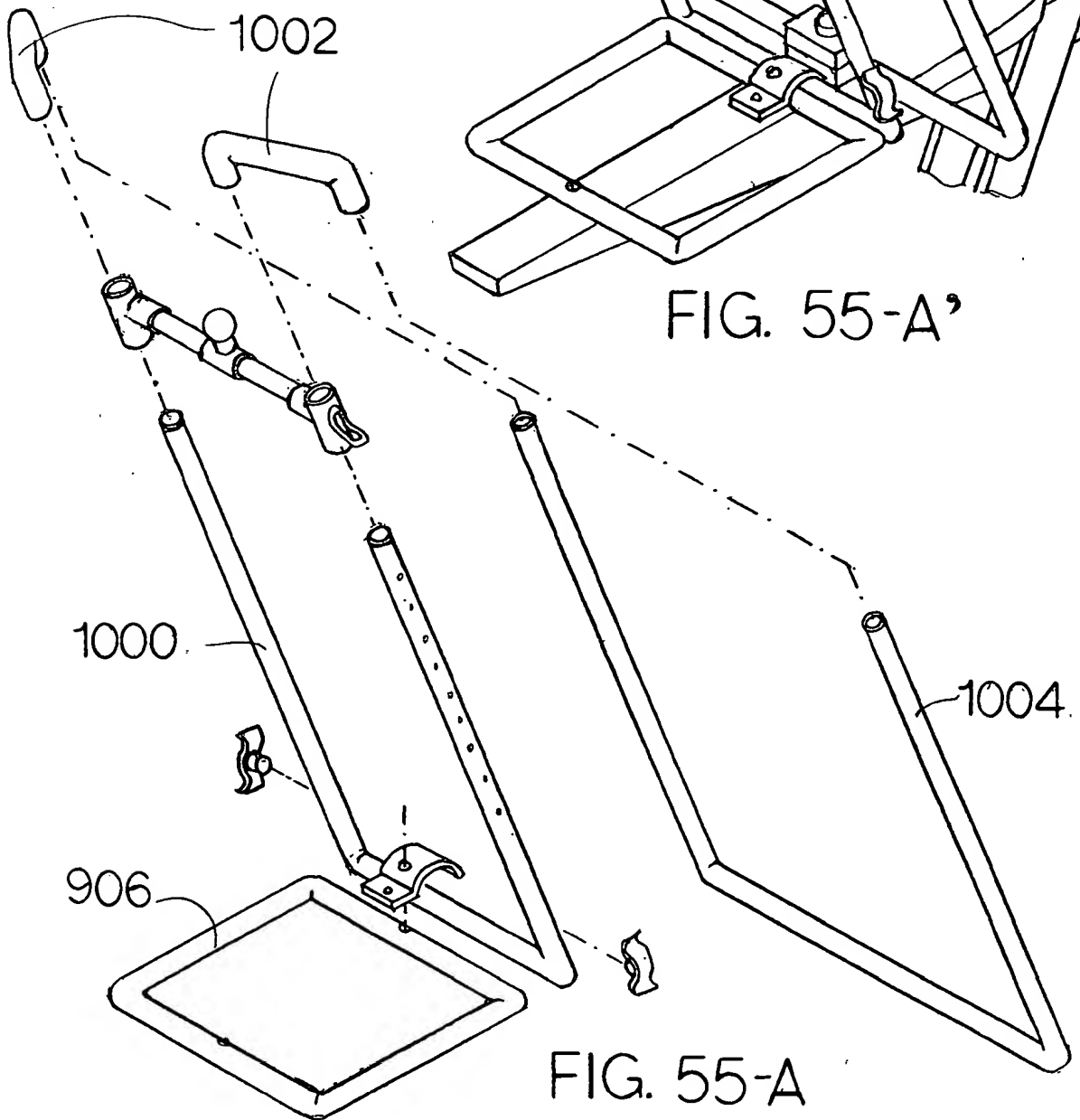


FIG. 55-A

142/173

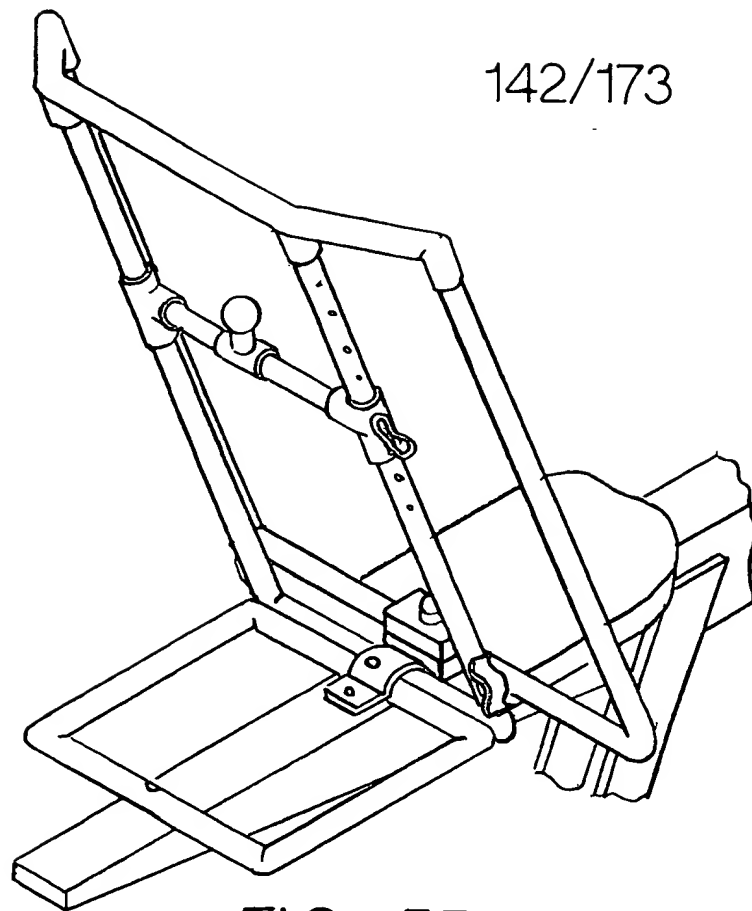


FIG. 55-B'

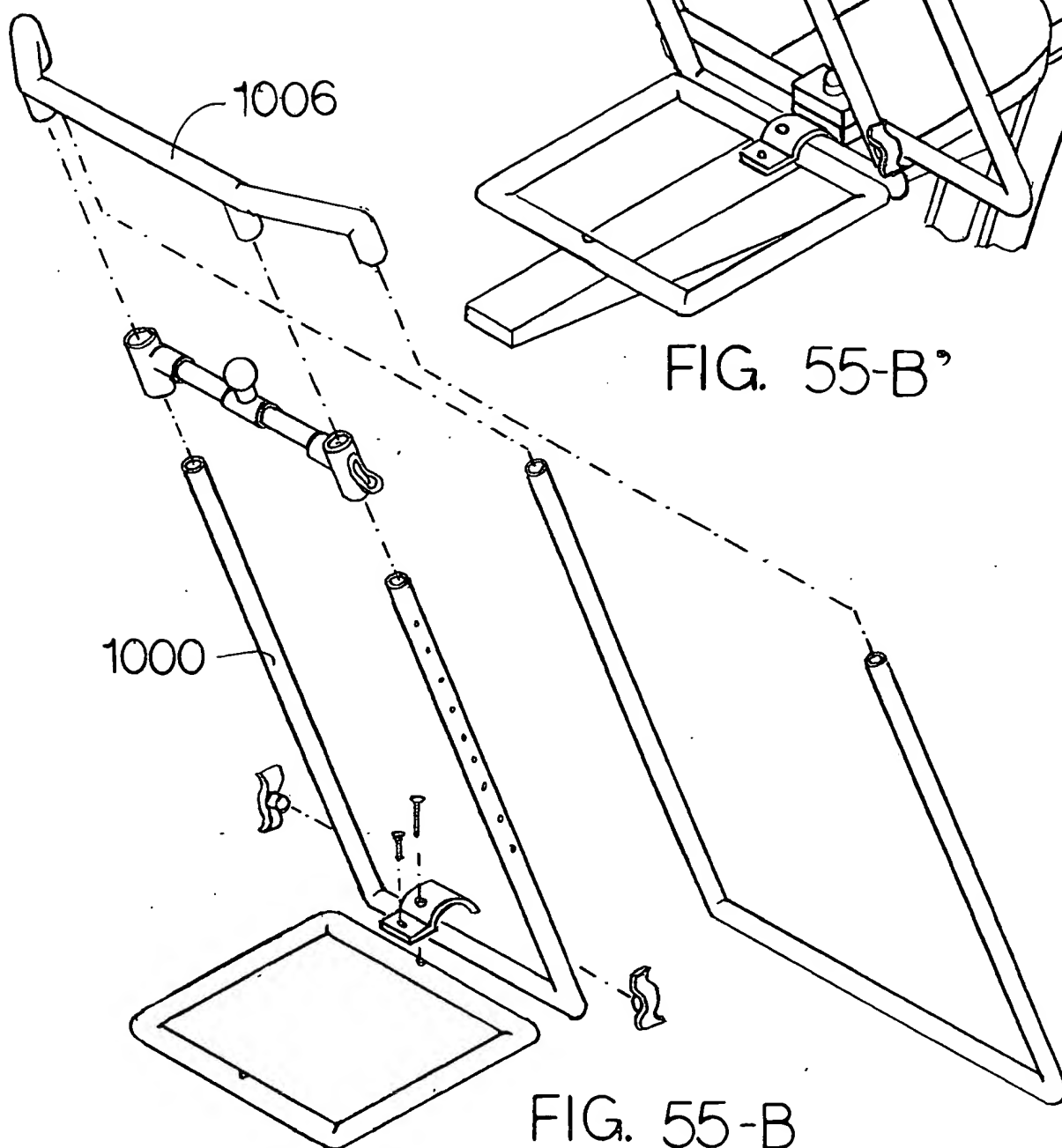


FIG. 55-B

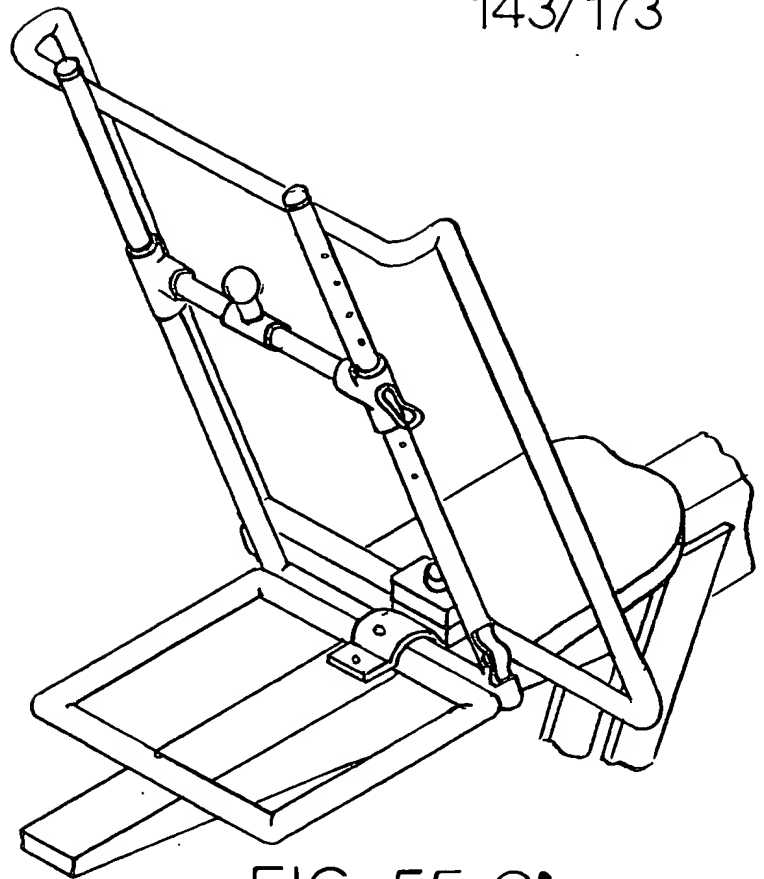


FIG. 55-C'

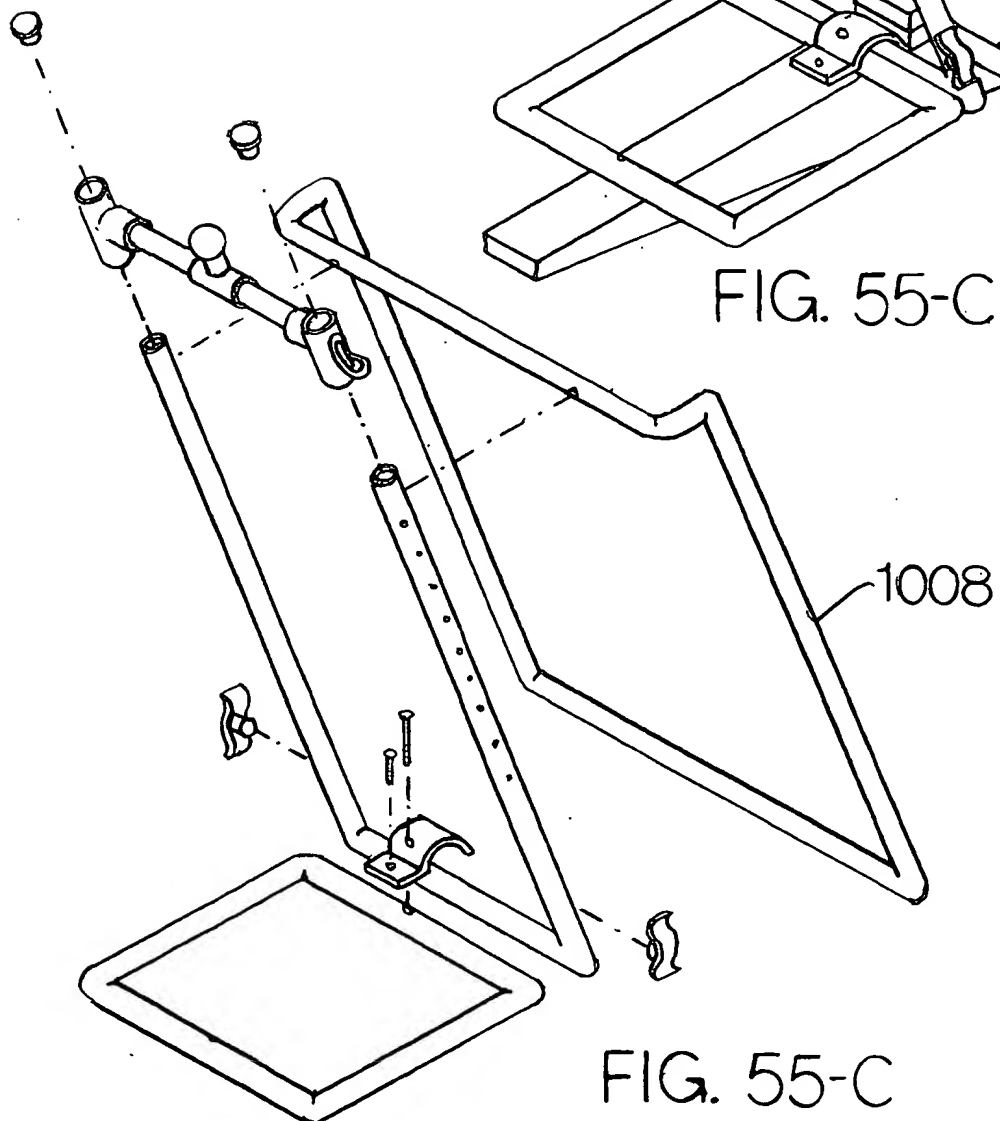


FIG. 55-C

144/173

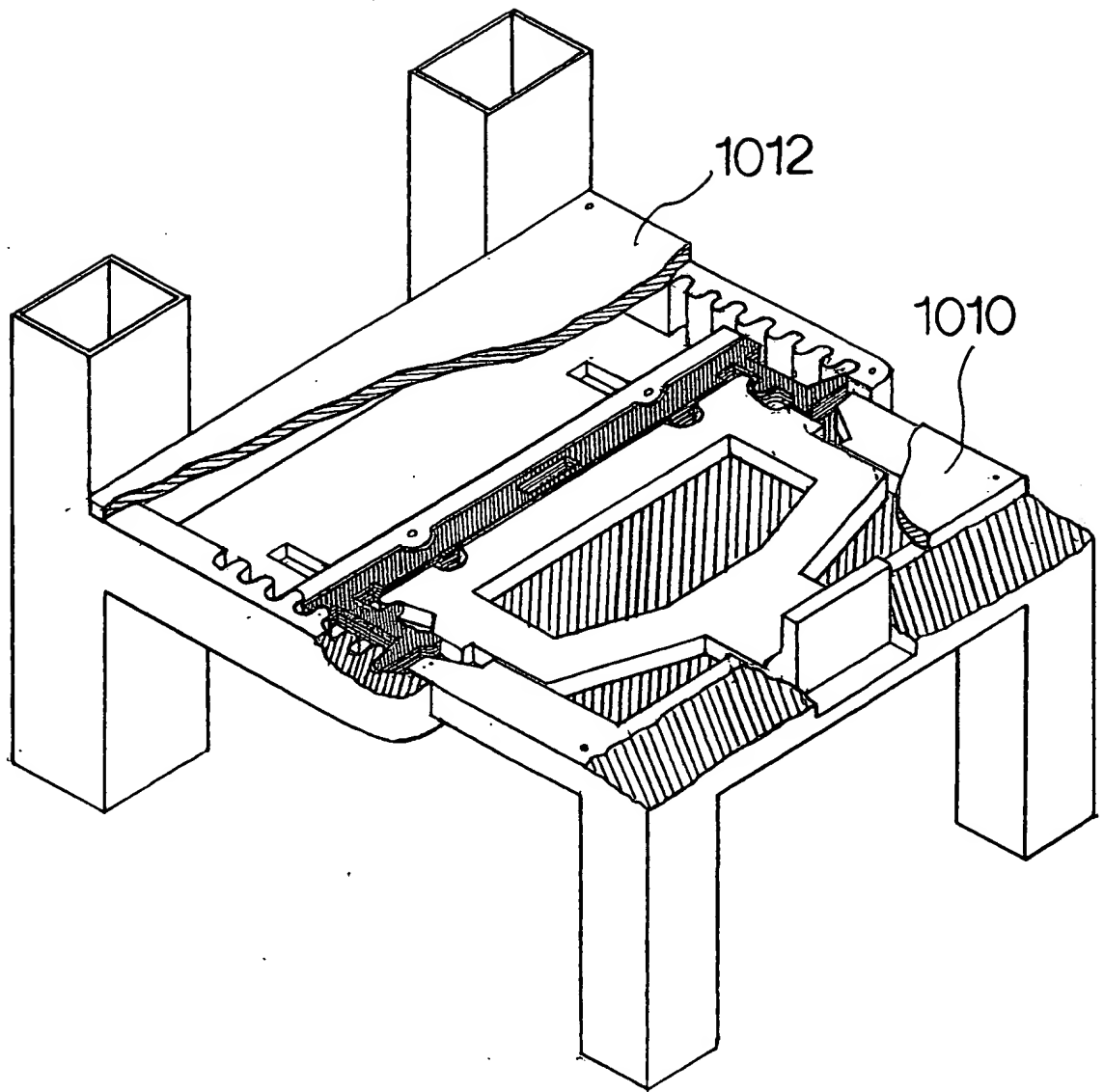


FIG. 56-A

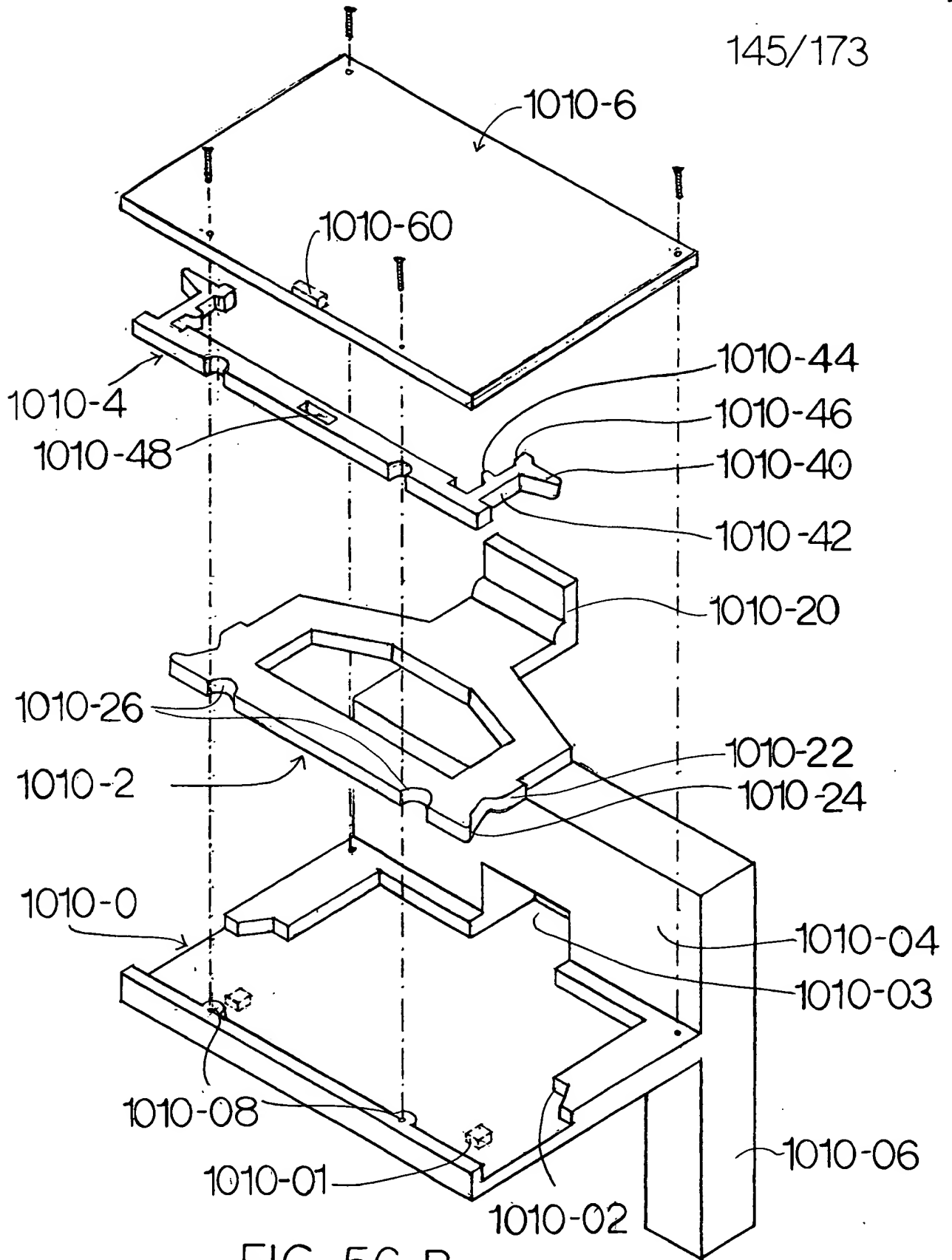


FIG. 56-B

FIG. 56-C

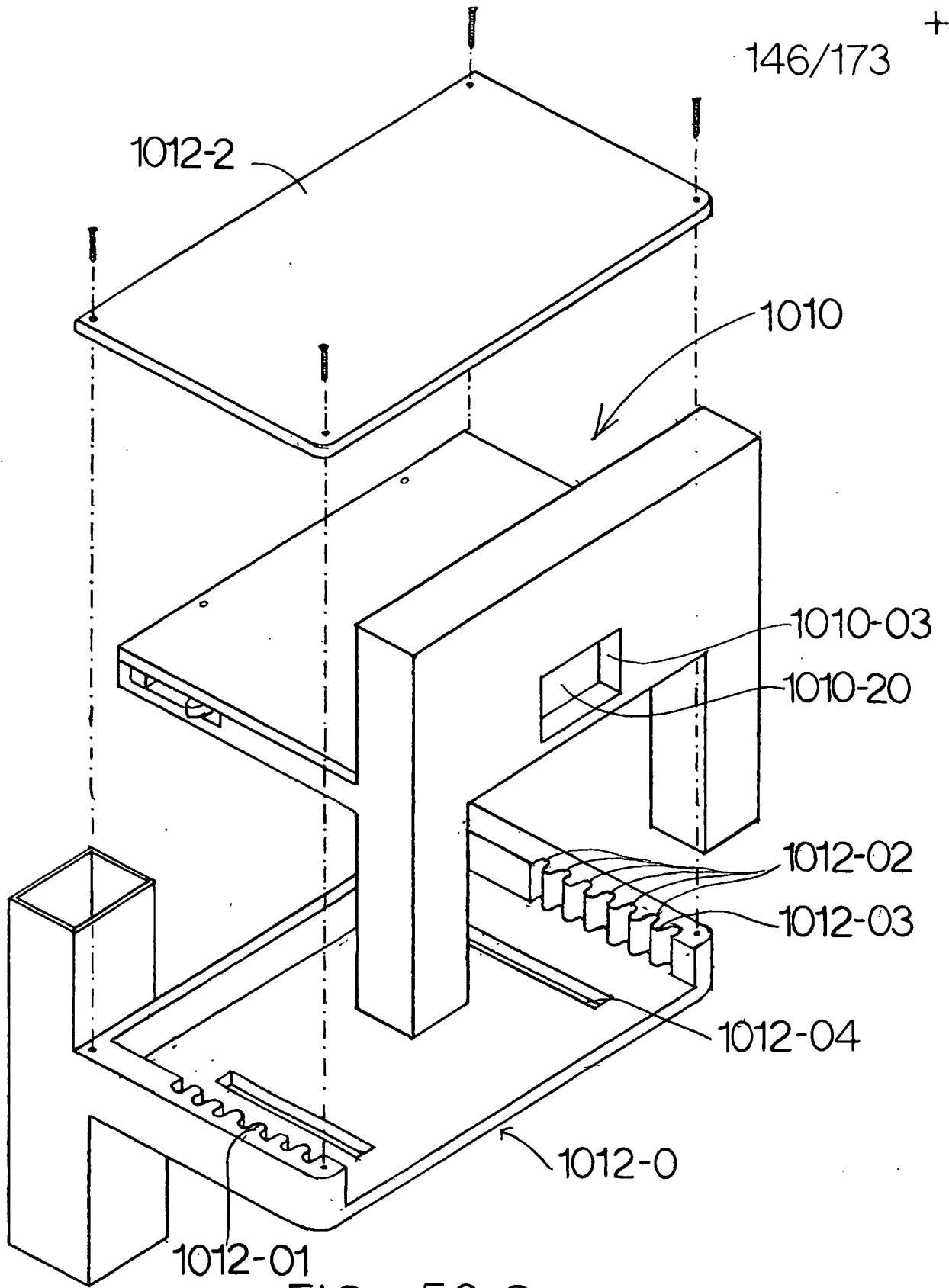


FIG. 56-C

+

147/173

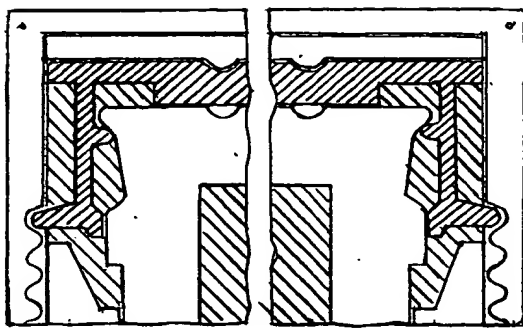


FIG. 56-D1

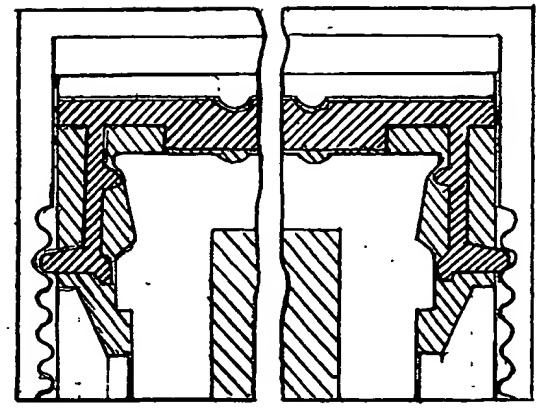


FIG. 56-D7

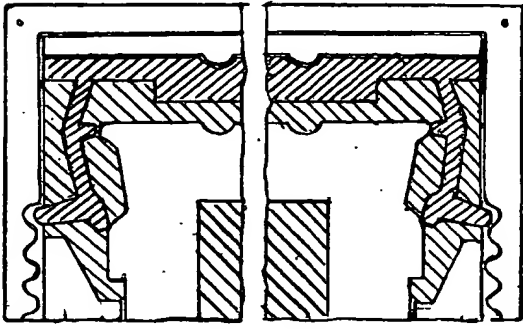


FIG. 56-D2

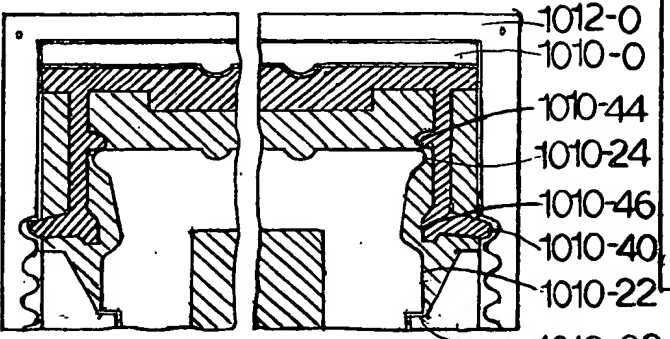


FIG. 56-D3

- 1012-0
- 1010-0
- 1010-44
- 1010-24
- 1010-46
- 1010-40
- 1010-22
- 1010-02

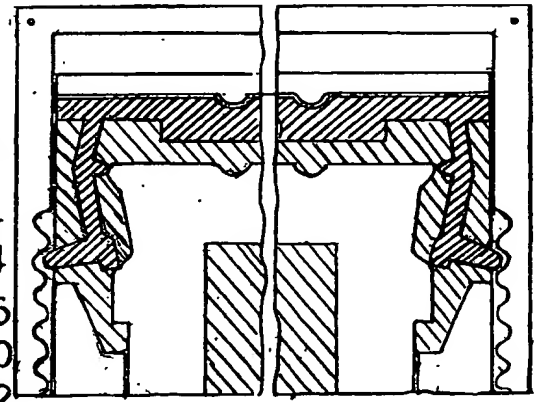


FIG. 56-D6

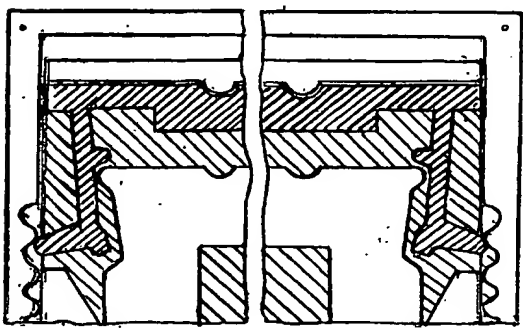


FIG. 56-D4

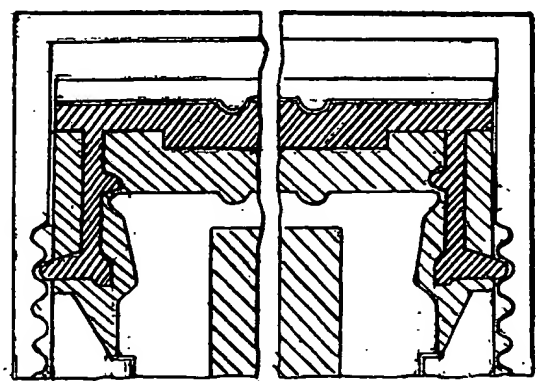


FIG. 56-D5

FIG. 56-D1

+

+

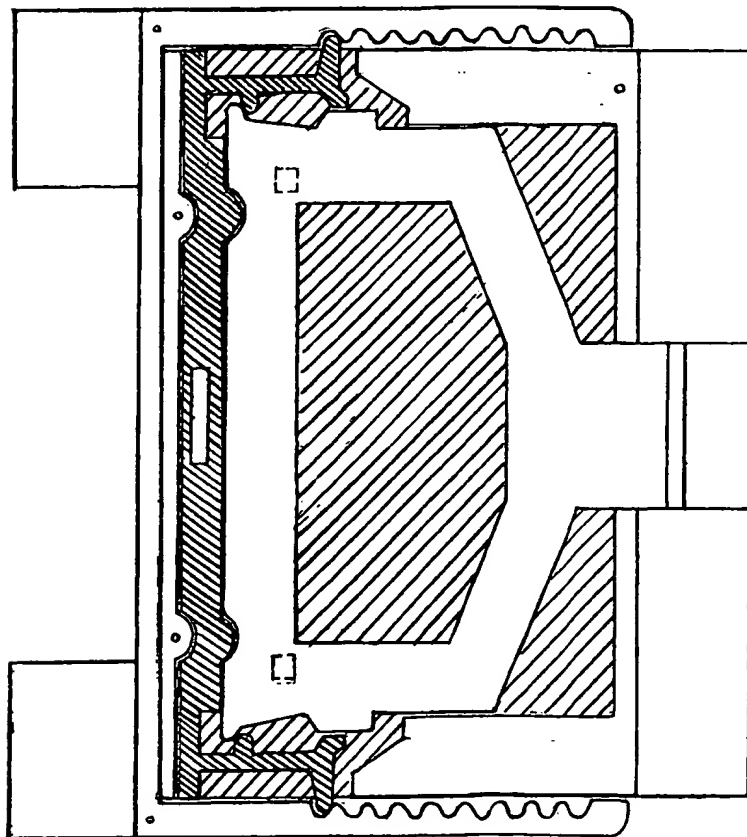


FIG. 56-E

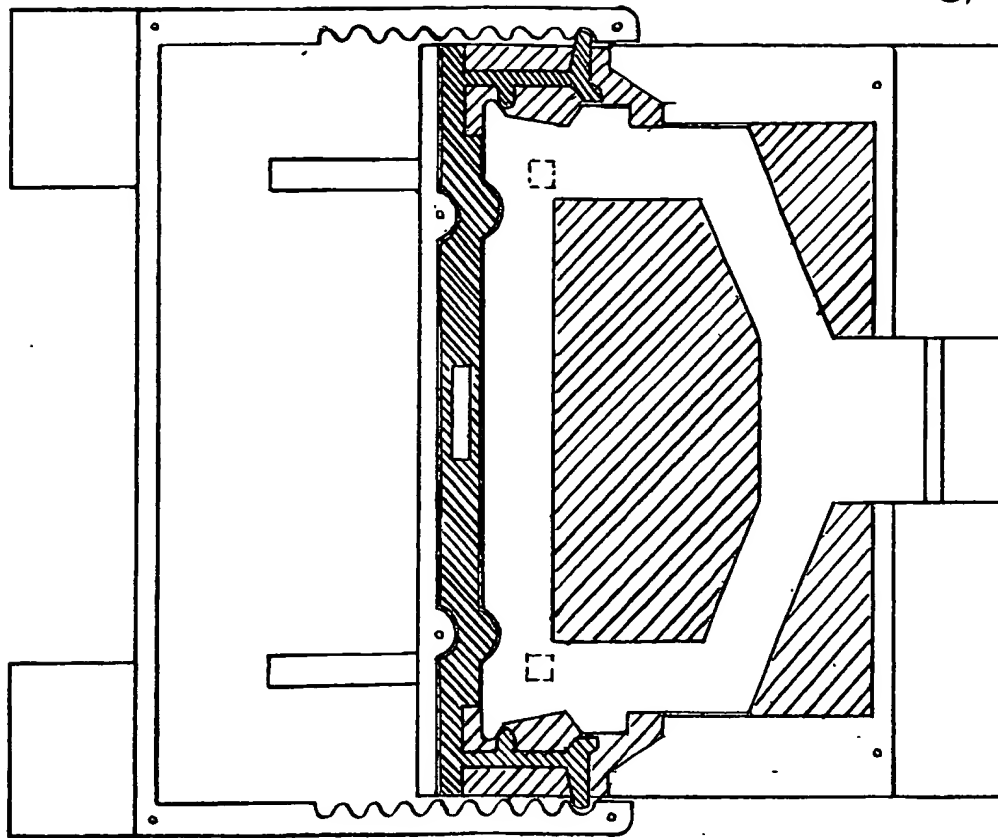


FIG. 56-E'

+

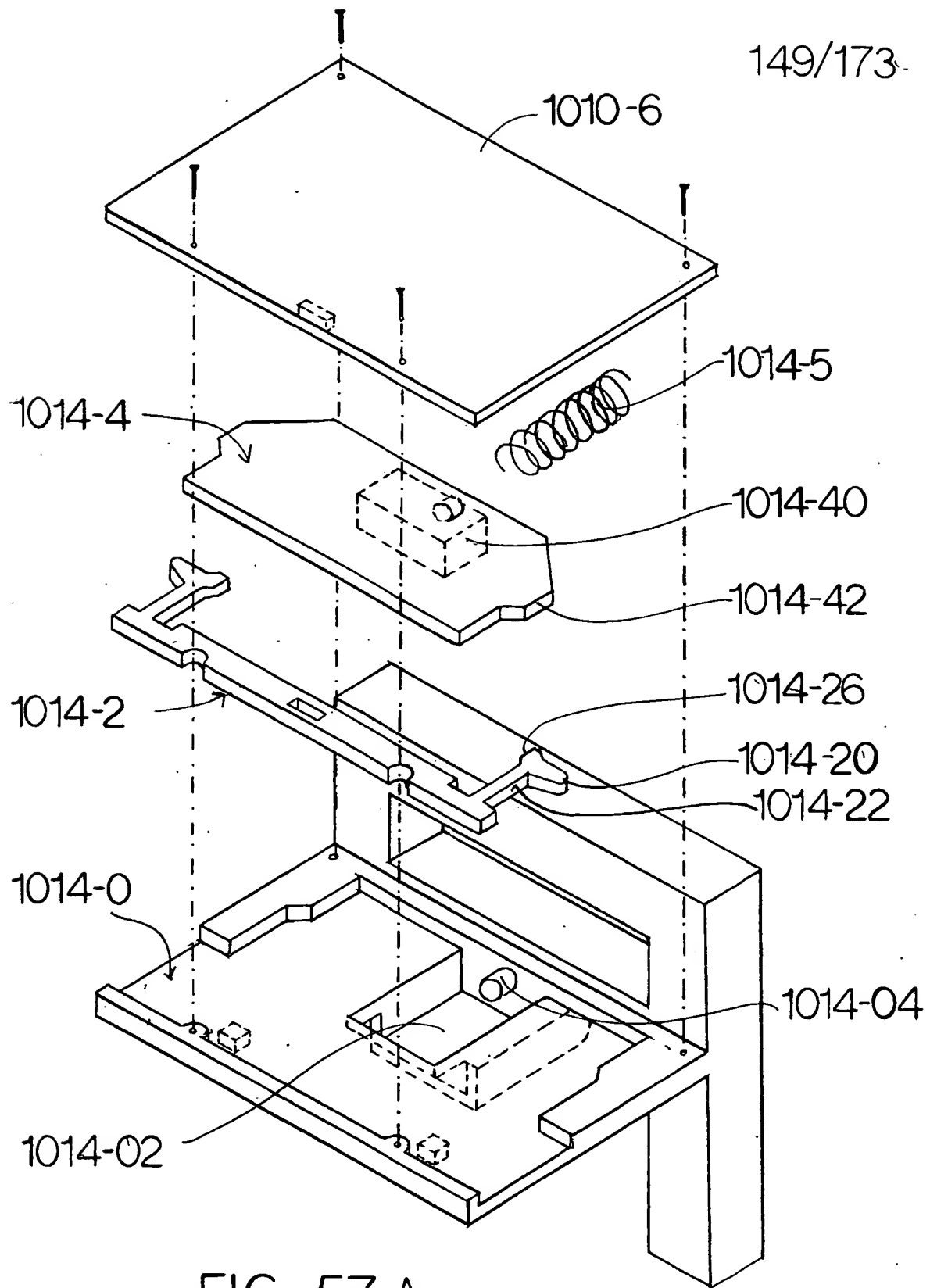


FIG. 57-A

+

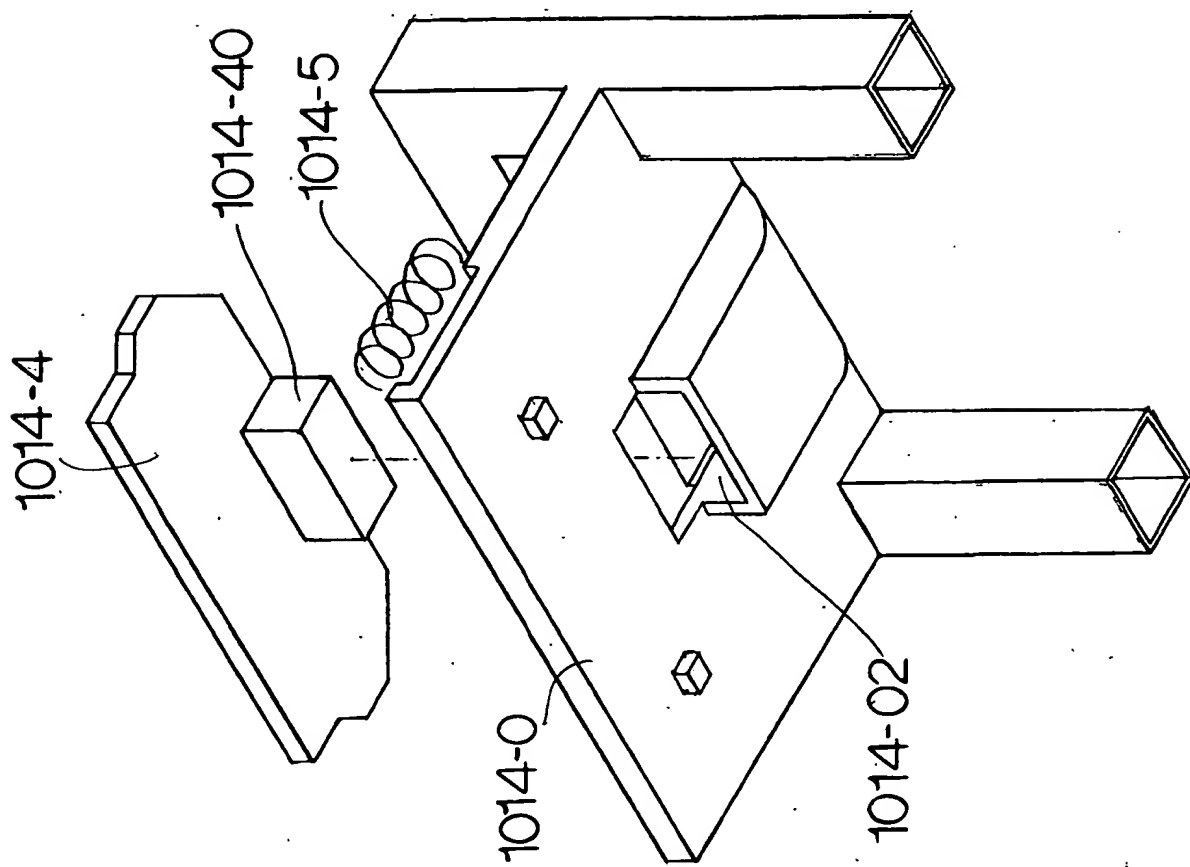


FIG. 57-A'

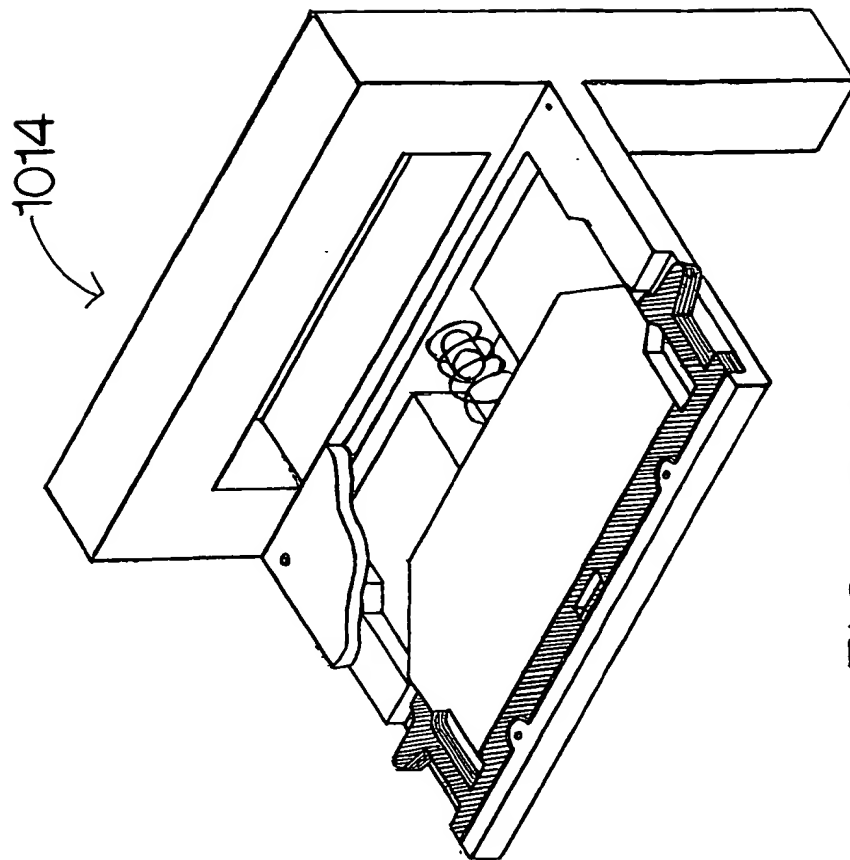


FIG. 57-B

150/173

+

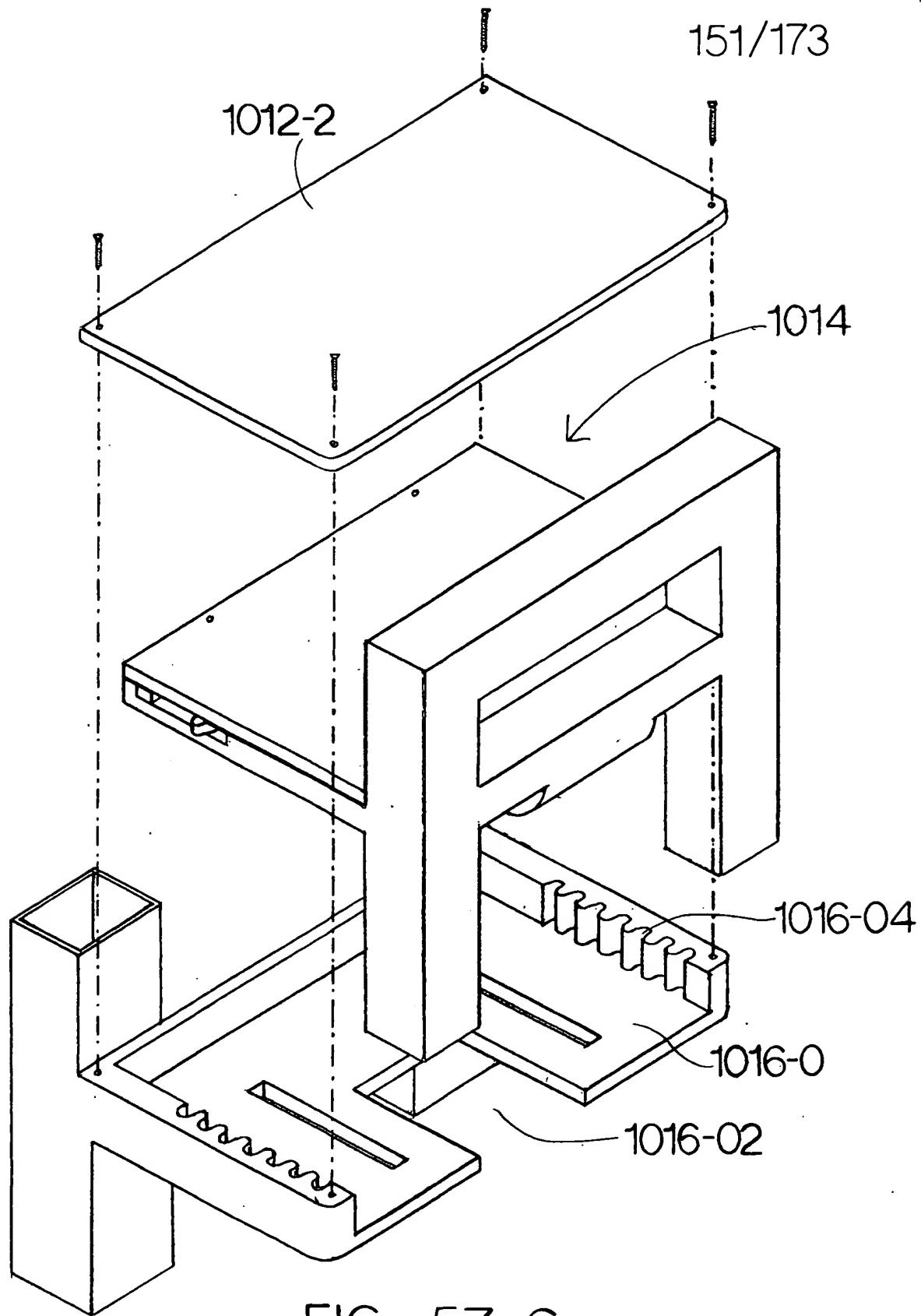
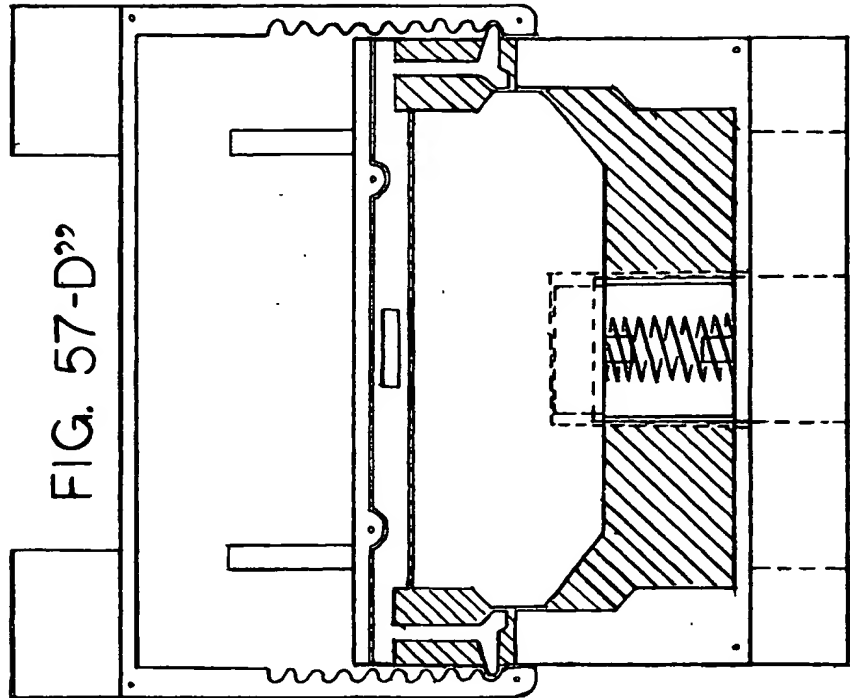
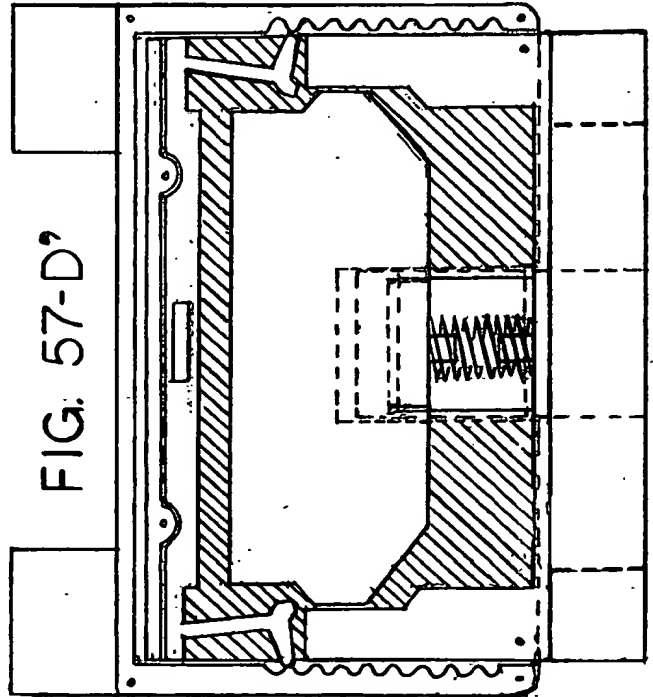
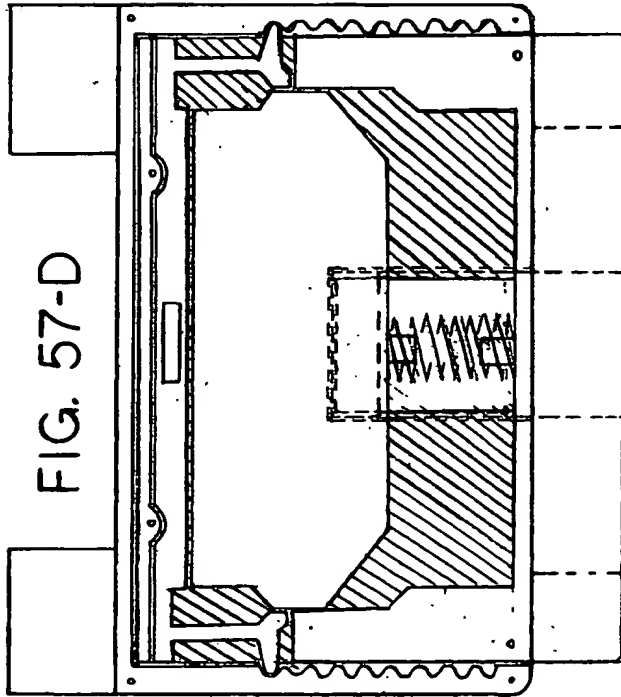


FIG. 57 -C

FIG. 57-D



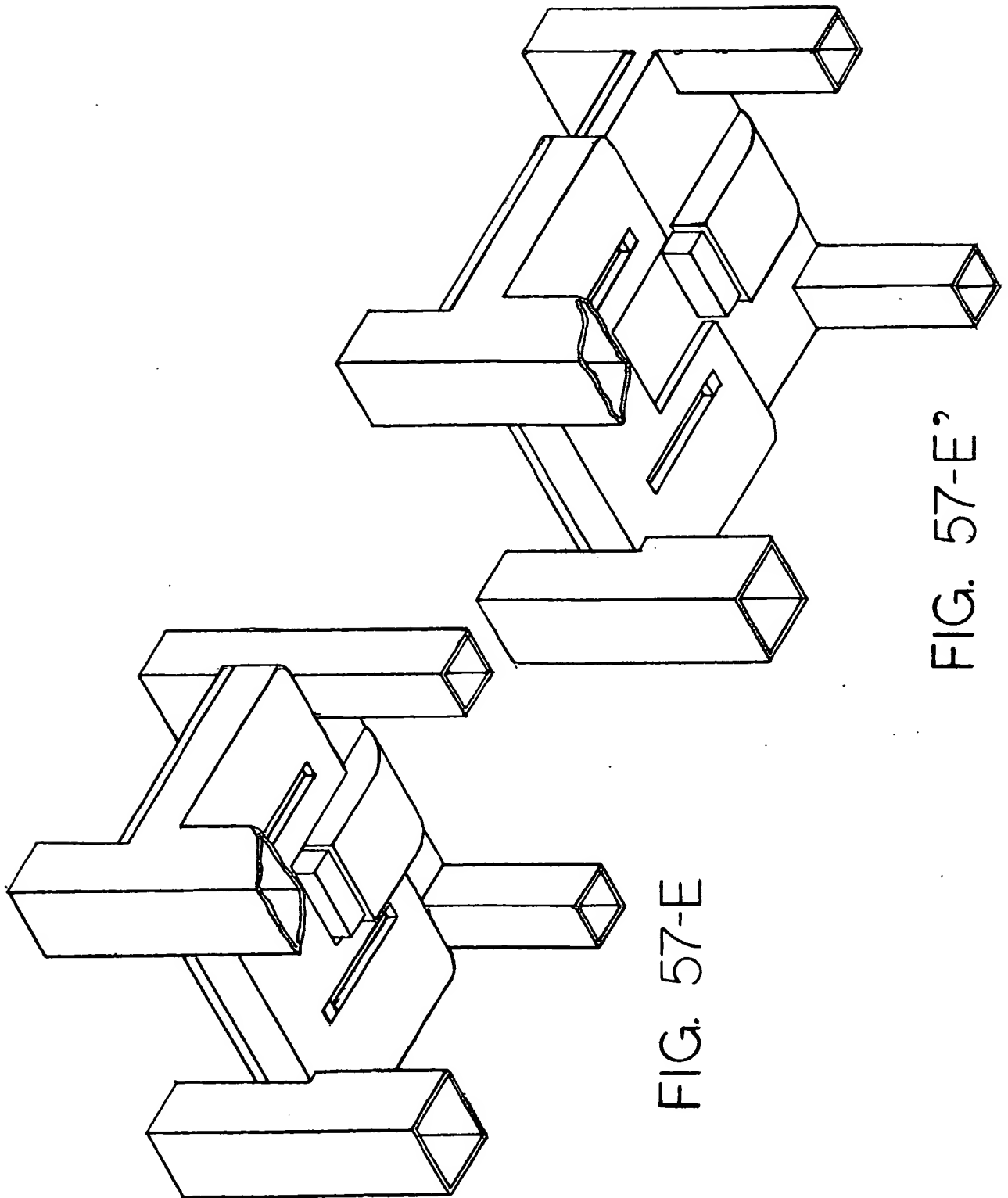
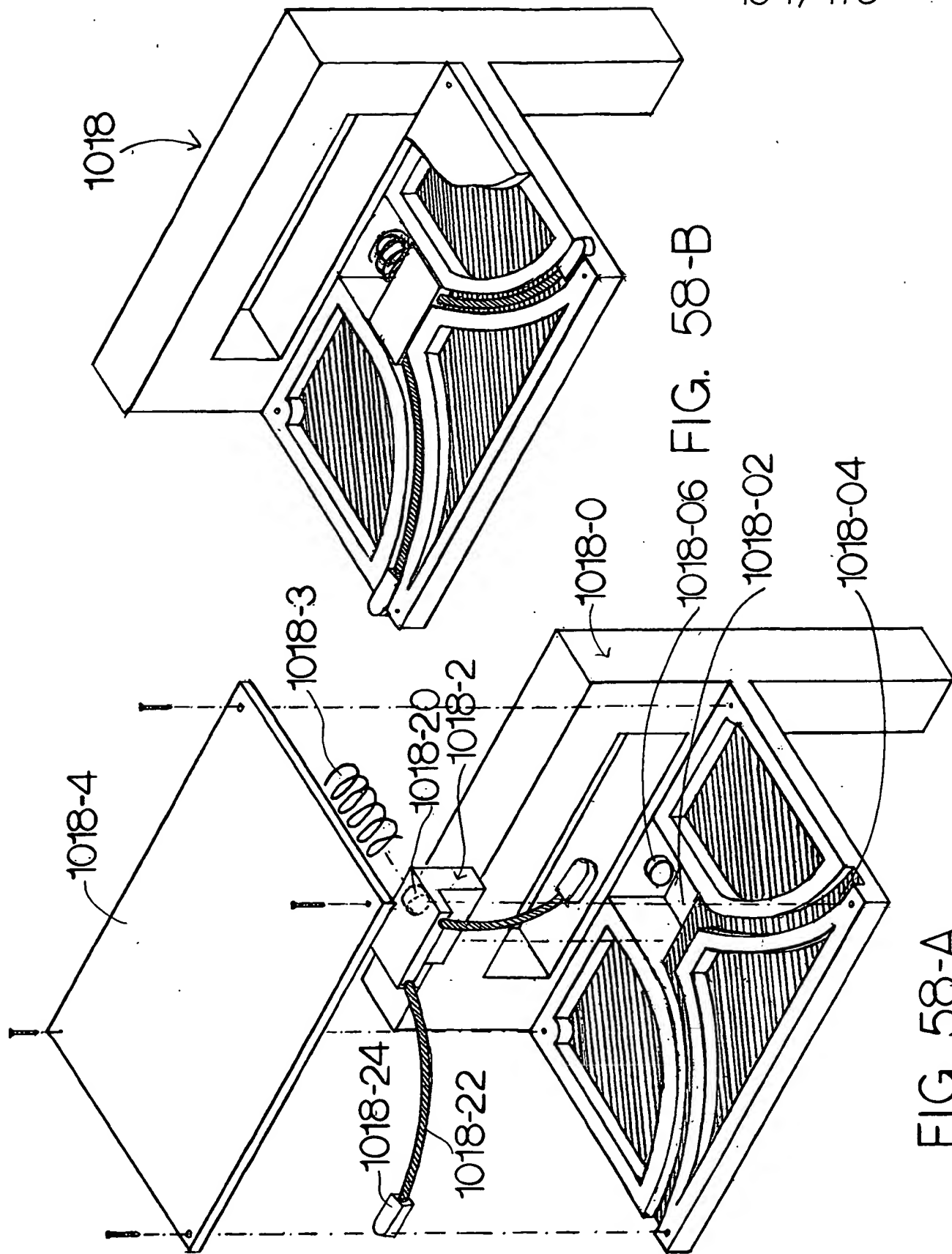


FIG. 57-E

FIG. 57-E'

+



+

FIG. 58-C

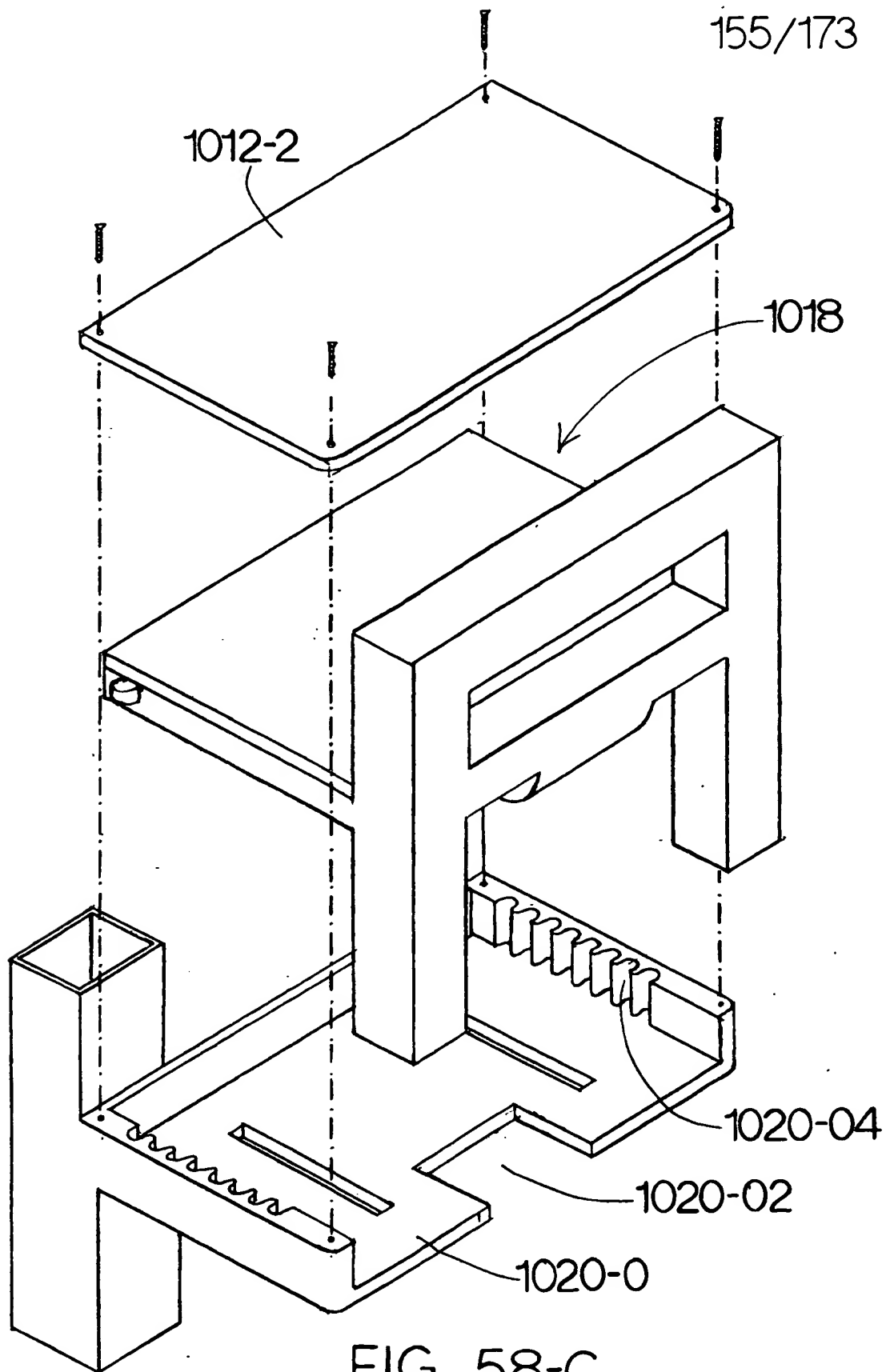


FIG. 58-C

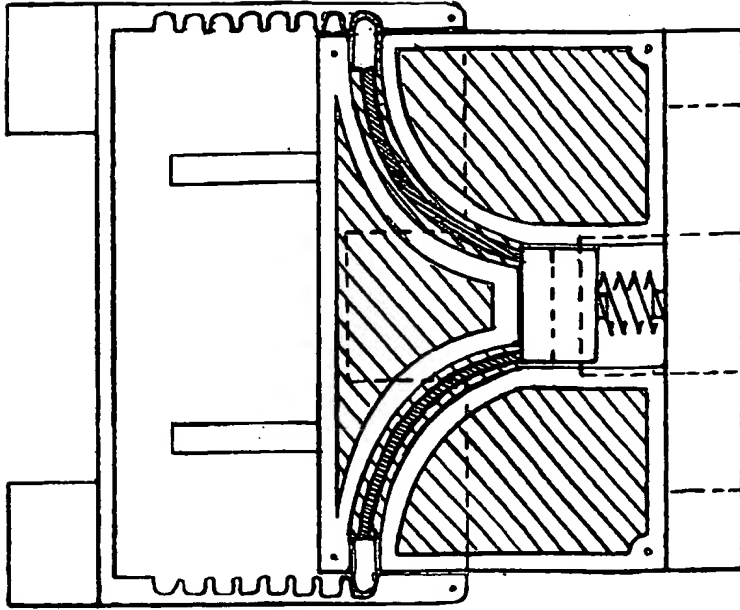


FIG. 58-D"

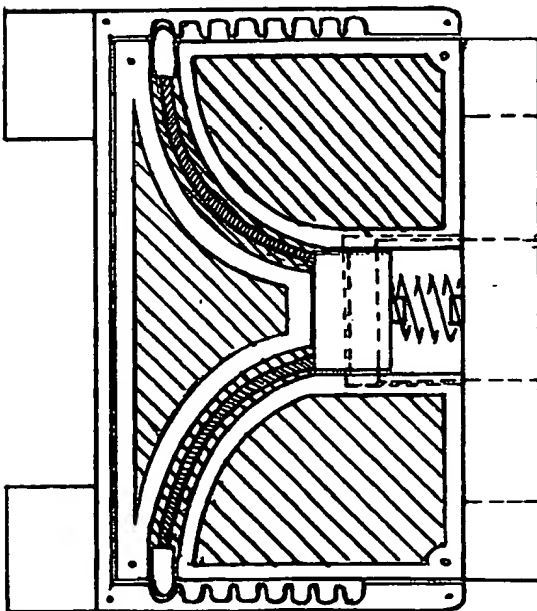


FIG. 58-D

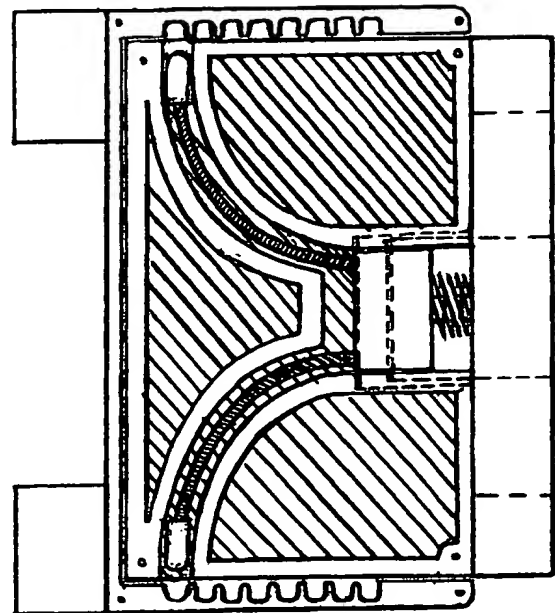


FIG. 58-D'

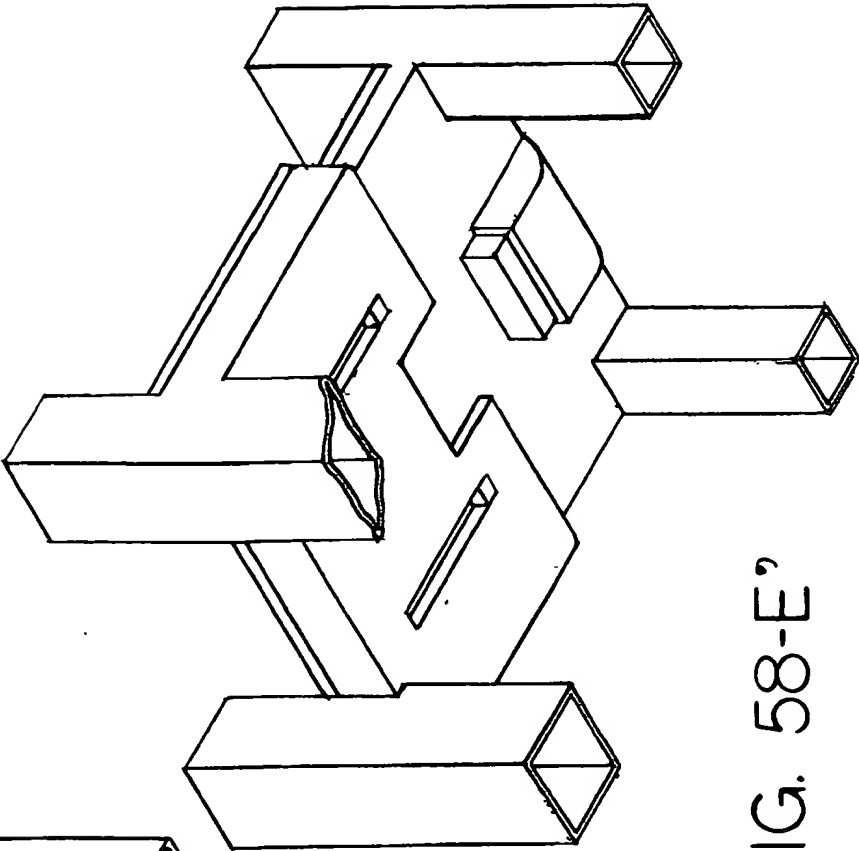


FIG. 58-E'

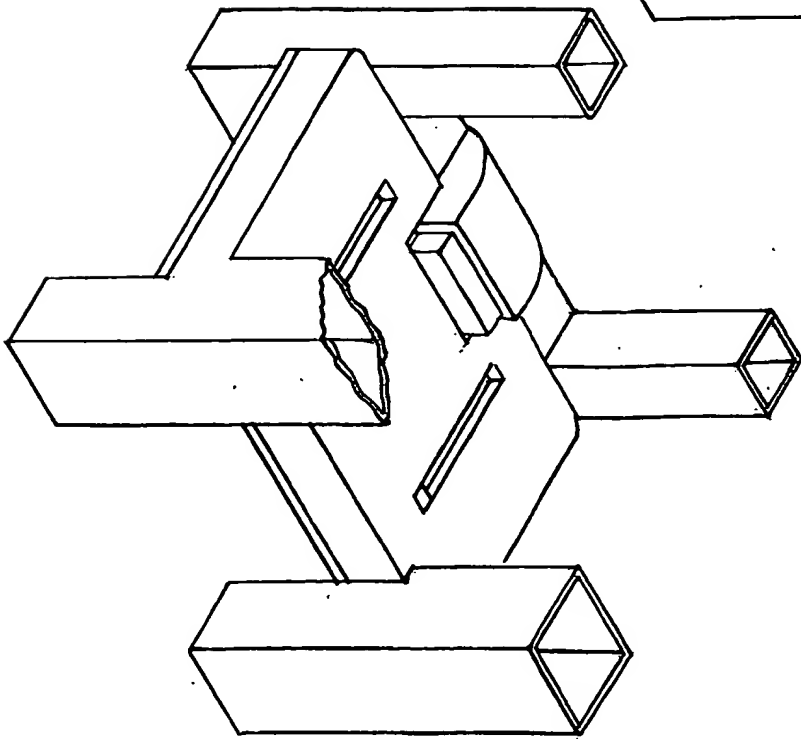


FIG. 58-E

FIG. 58-E' and FIG. 58-E

158/173

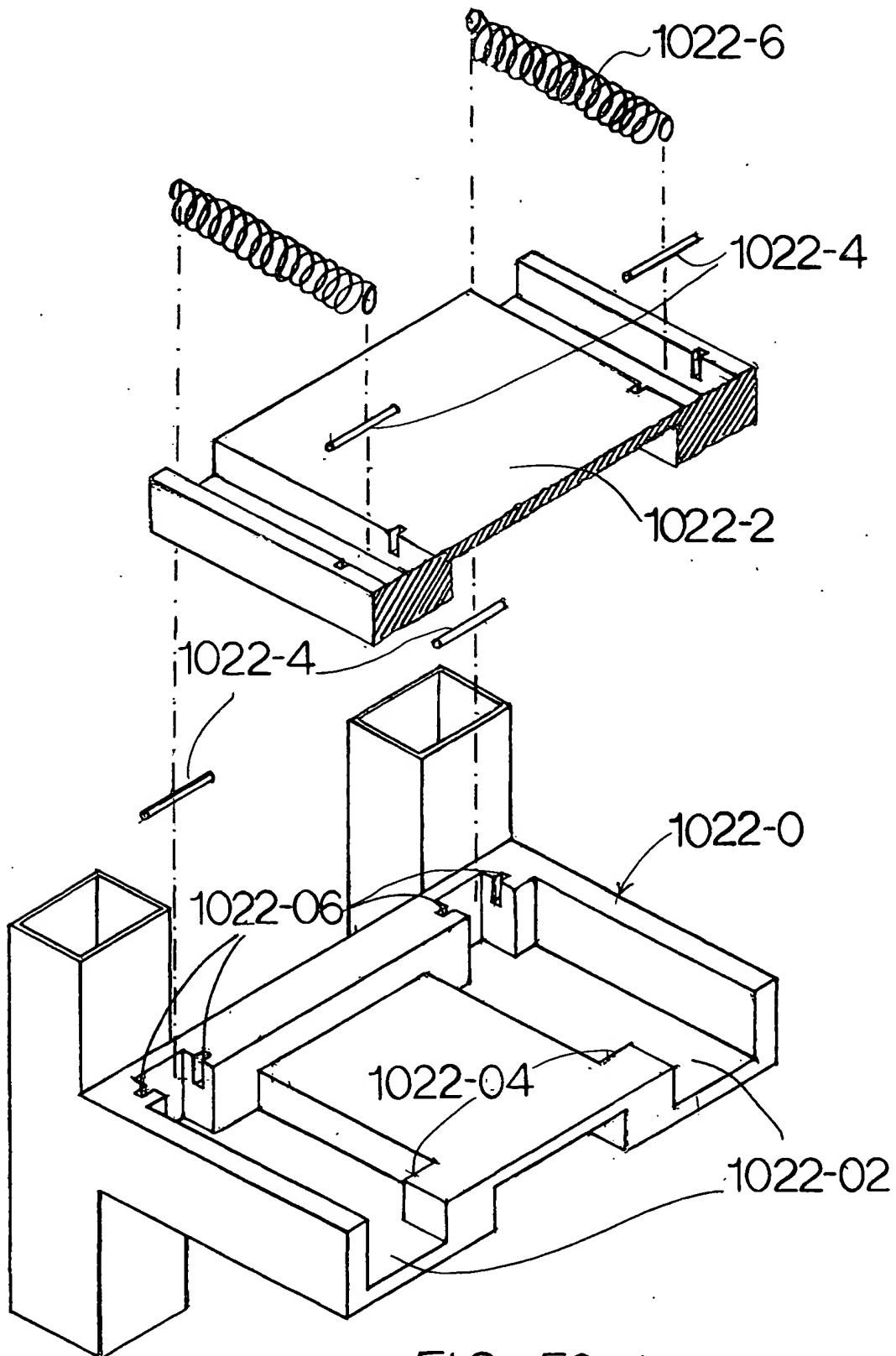


FIG. 59-A

FIG. 59-A'

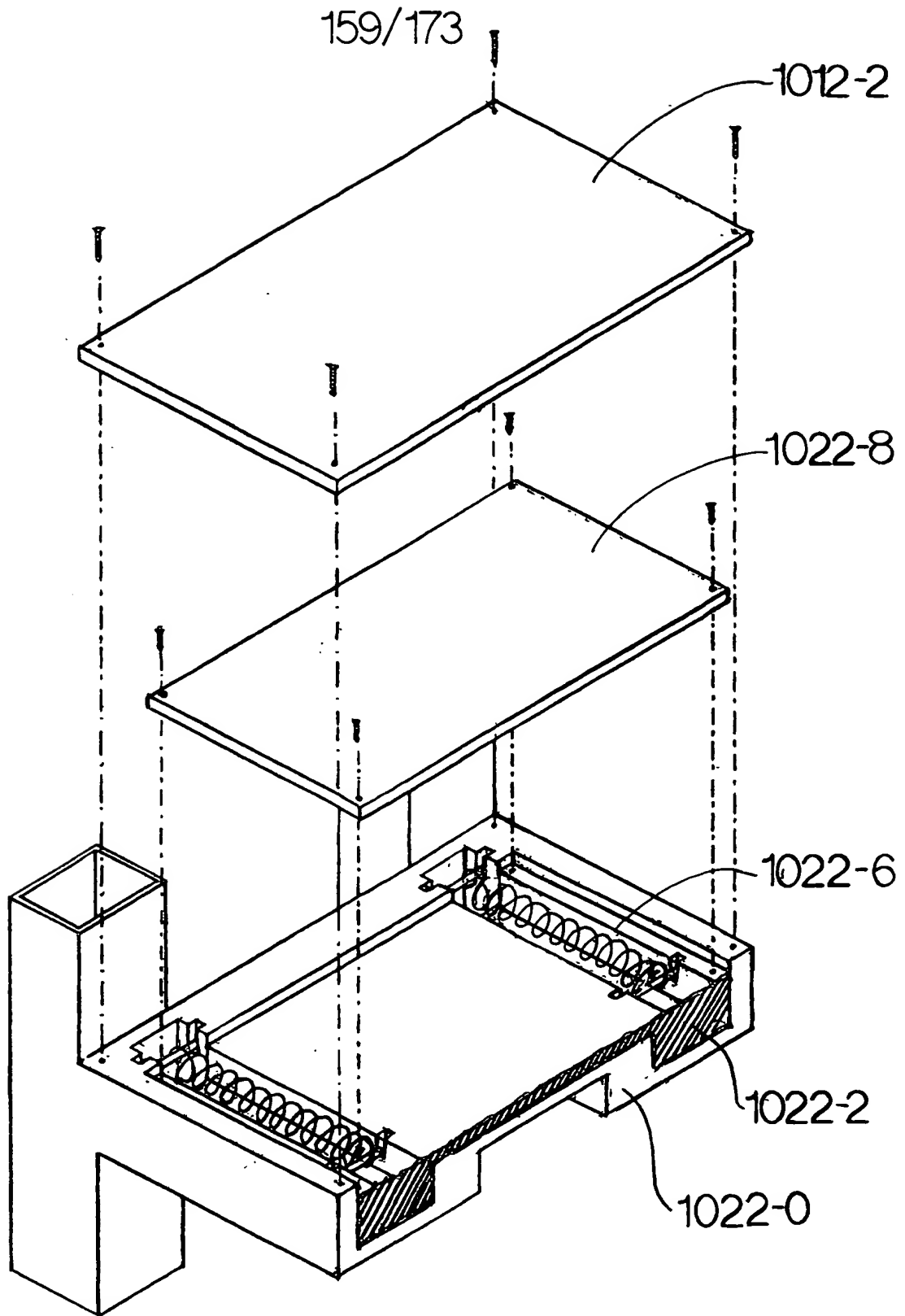


FIG. 59-A'

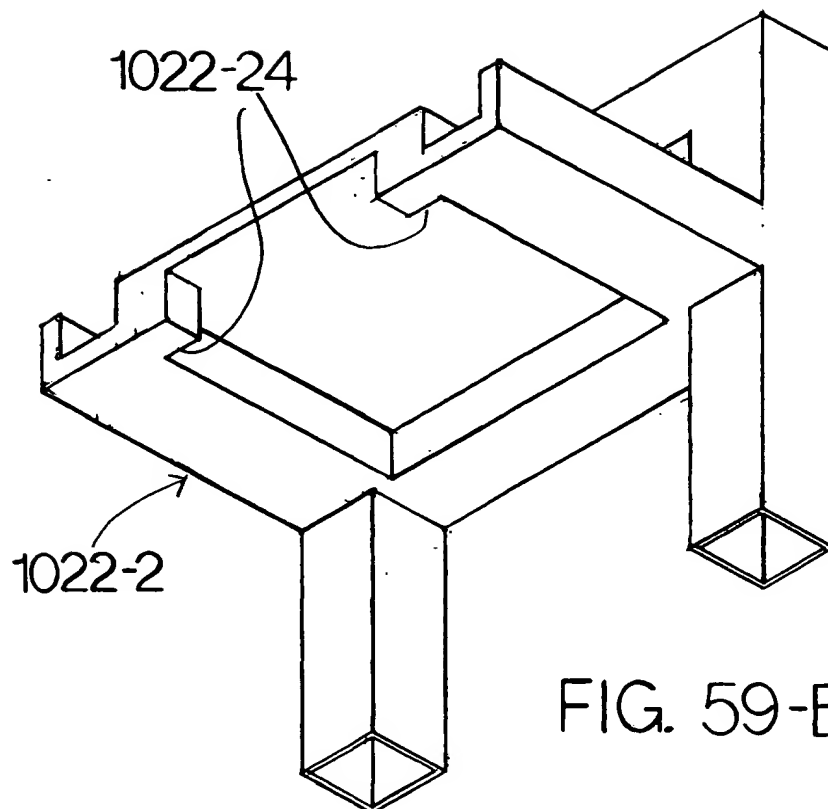


FIG. 59-B

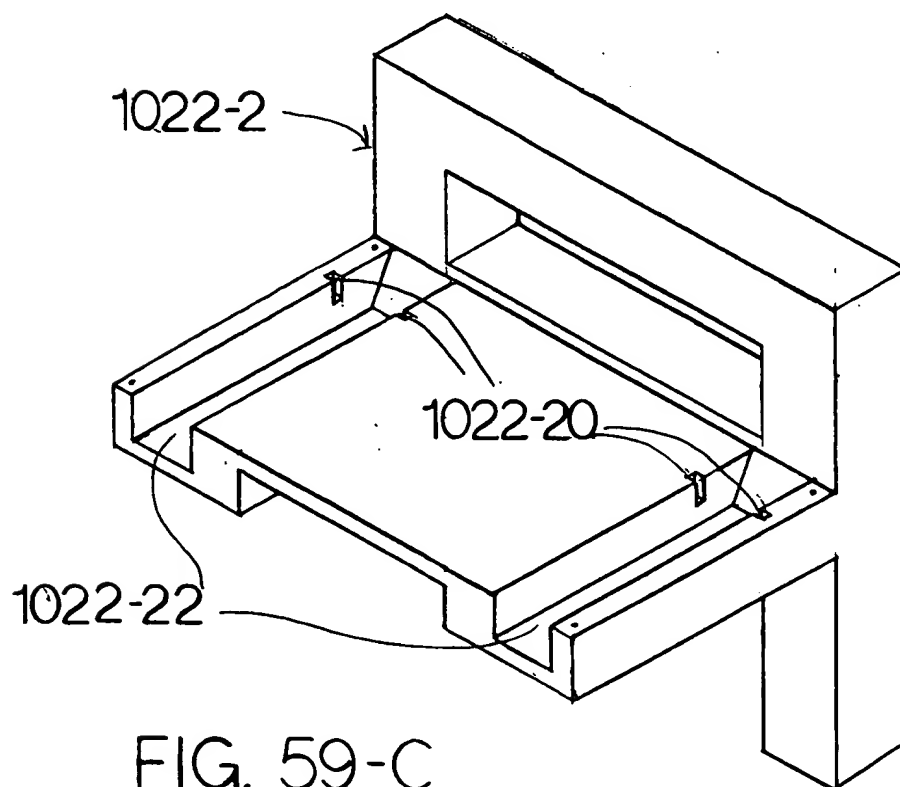


FIG. 59-C

FIG. 59-B

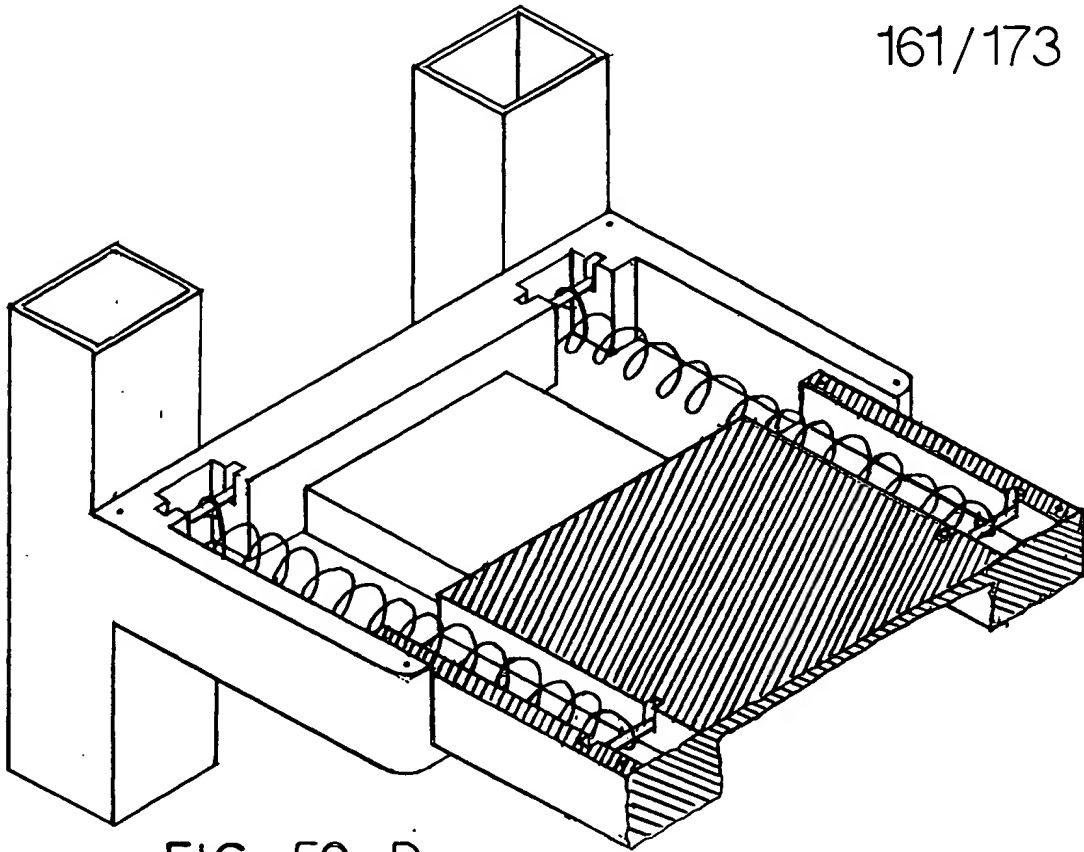


FIG. 59-D

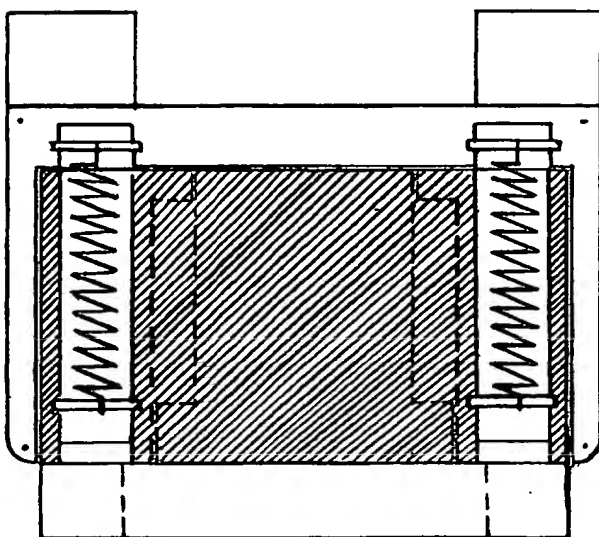


FIG. 59-E

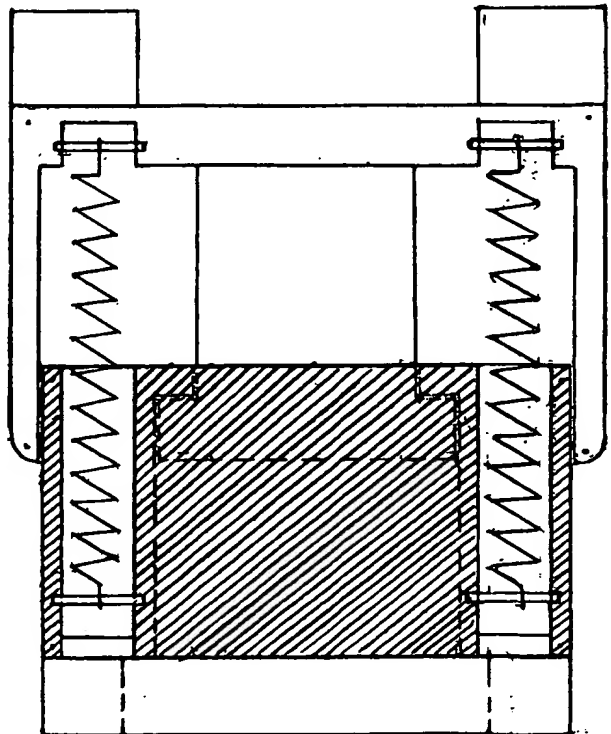
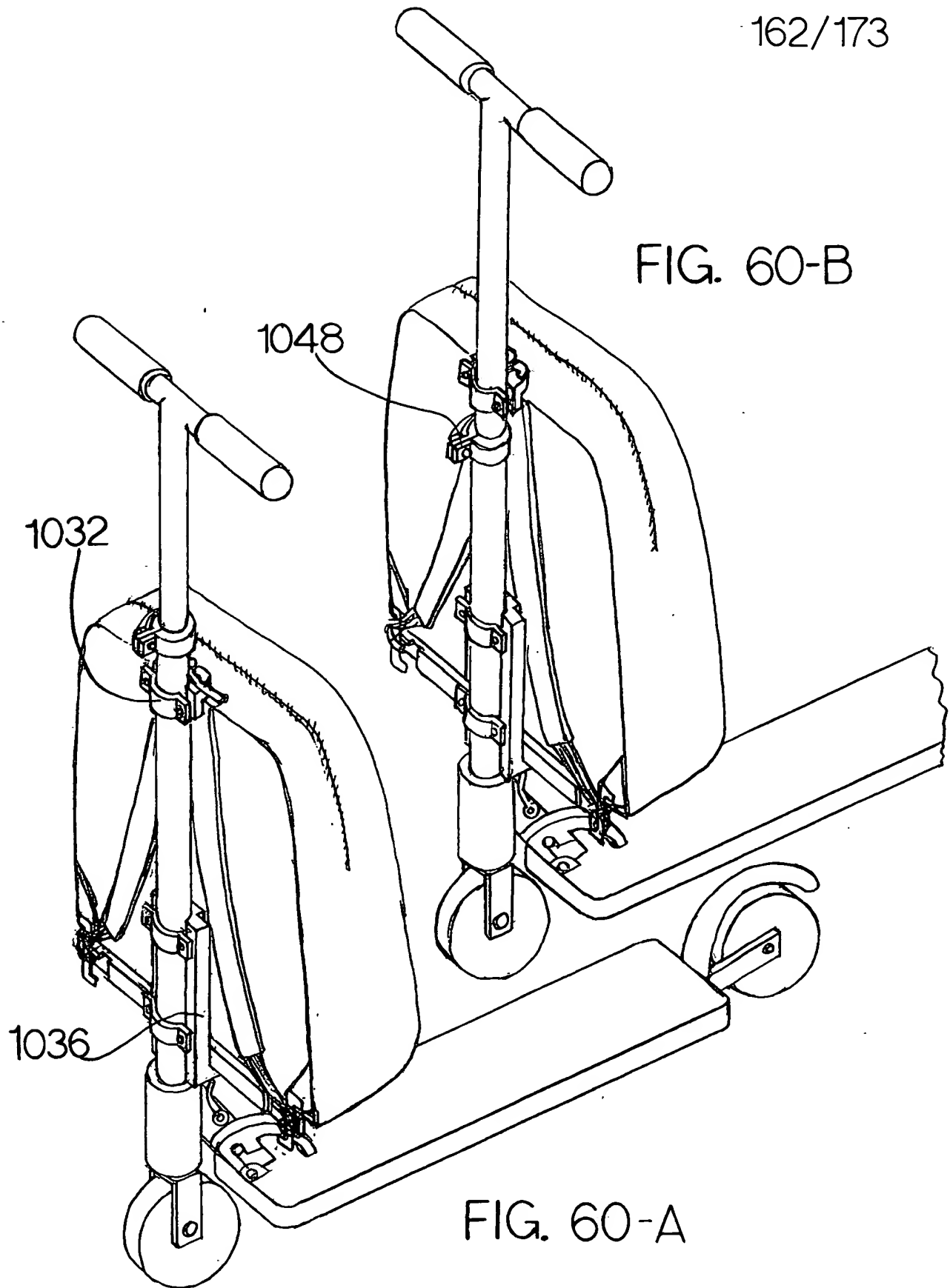


FIG. 59-E'

FIG. 60-B



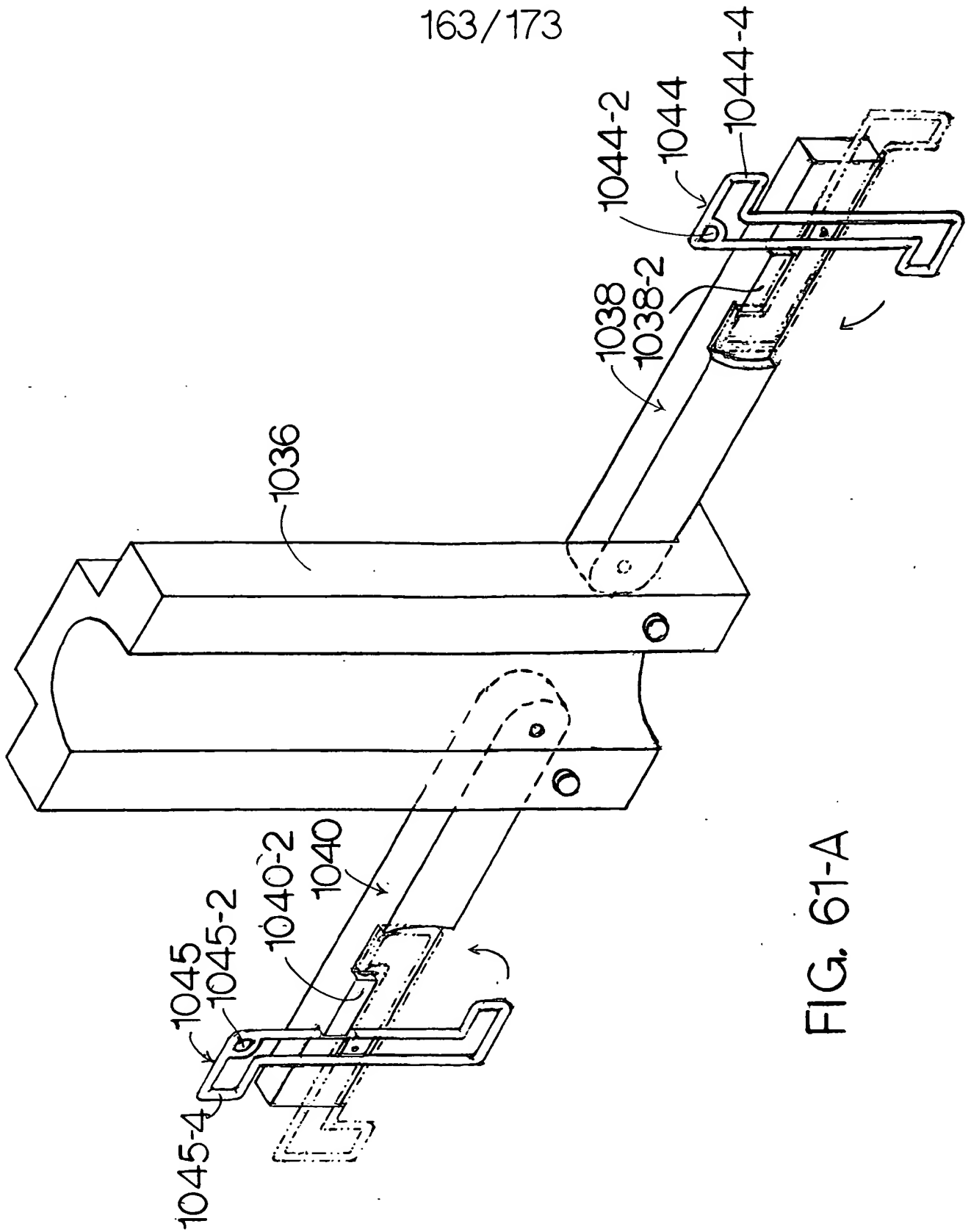


FIG. 61-A

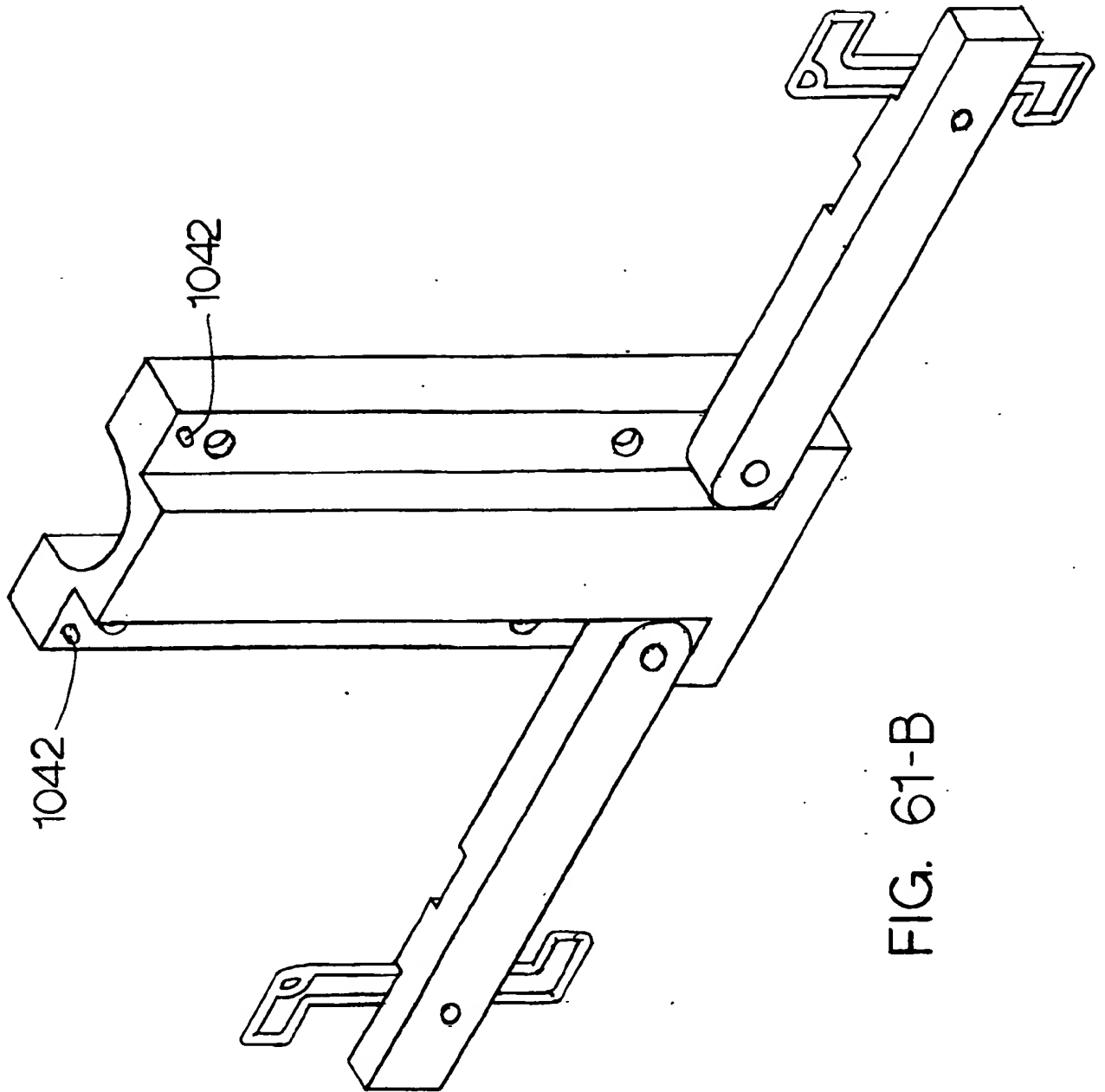
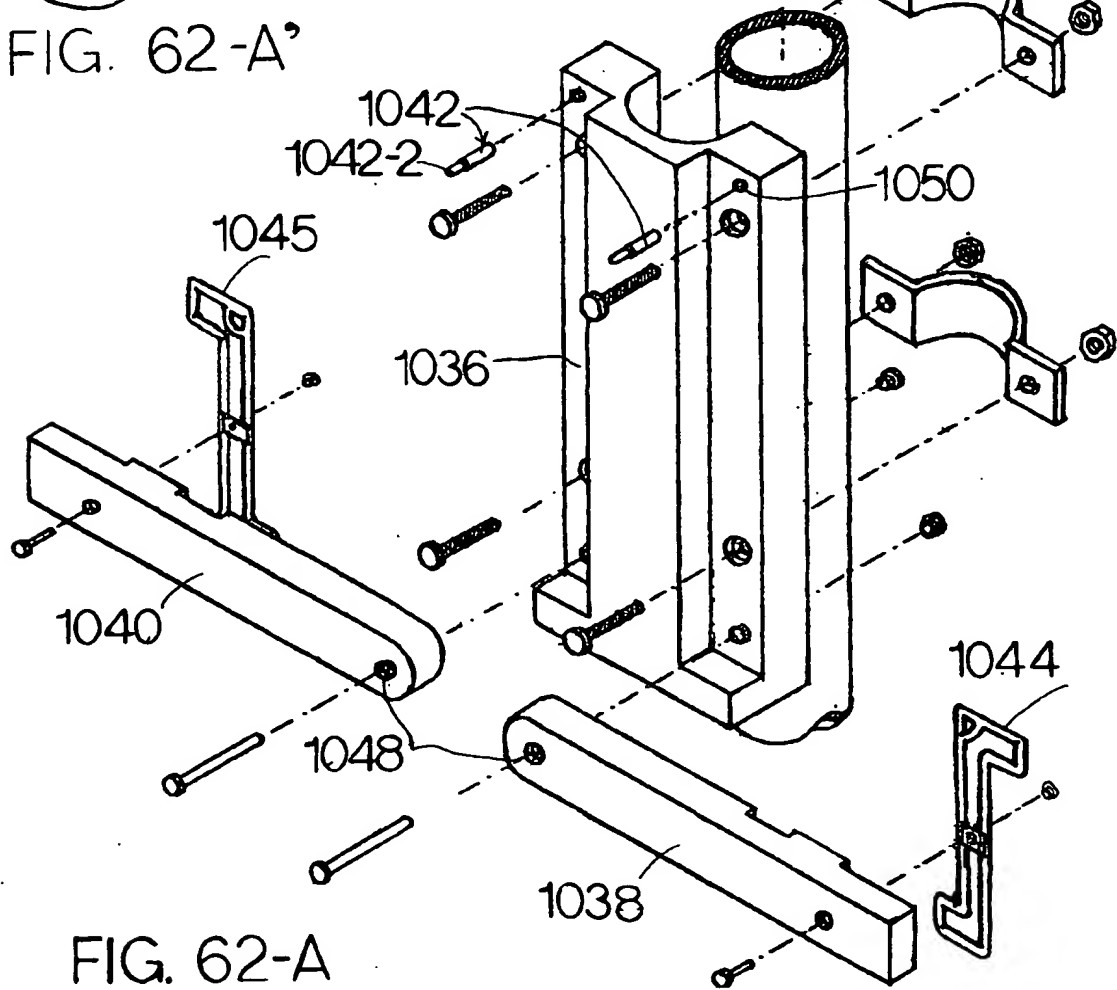
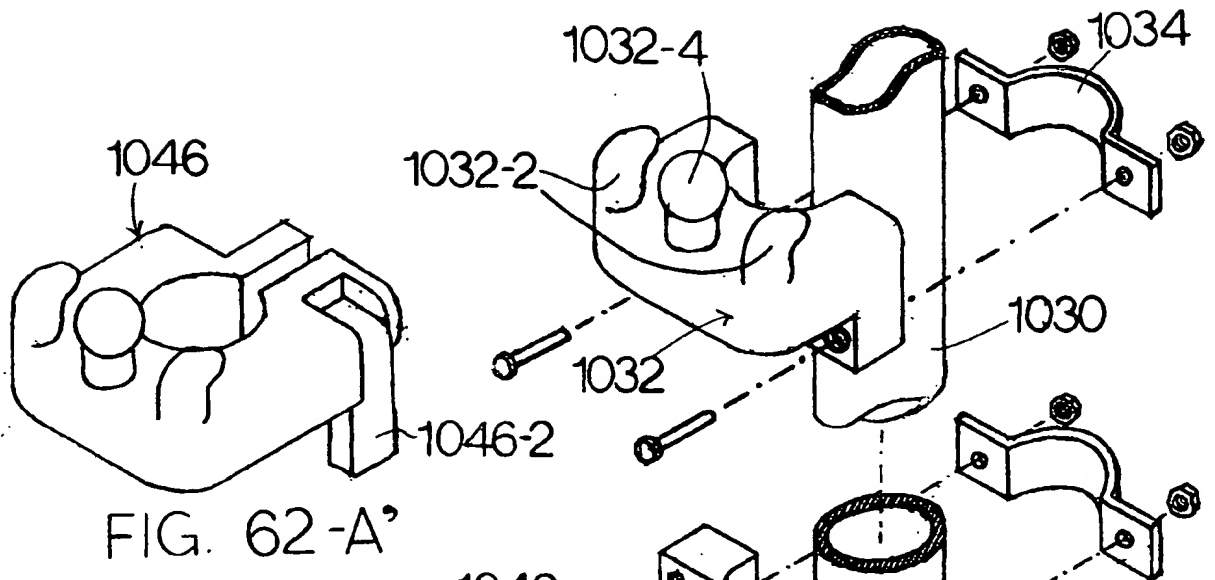


FIG. 61-B



166/173

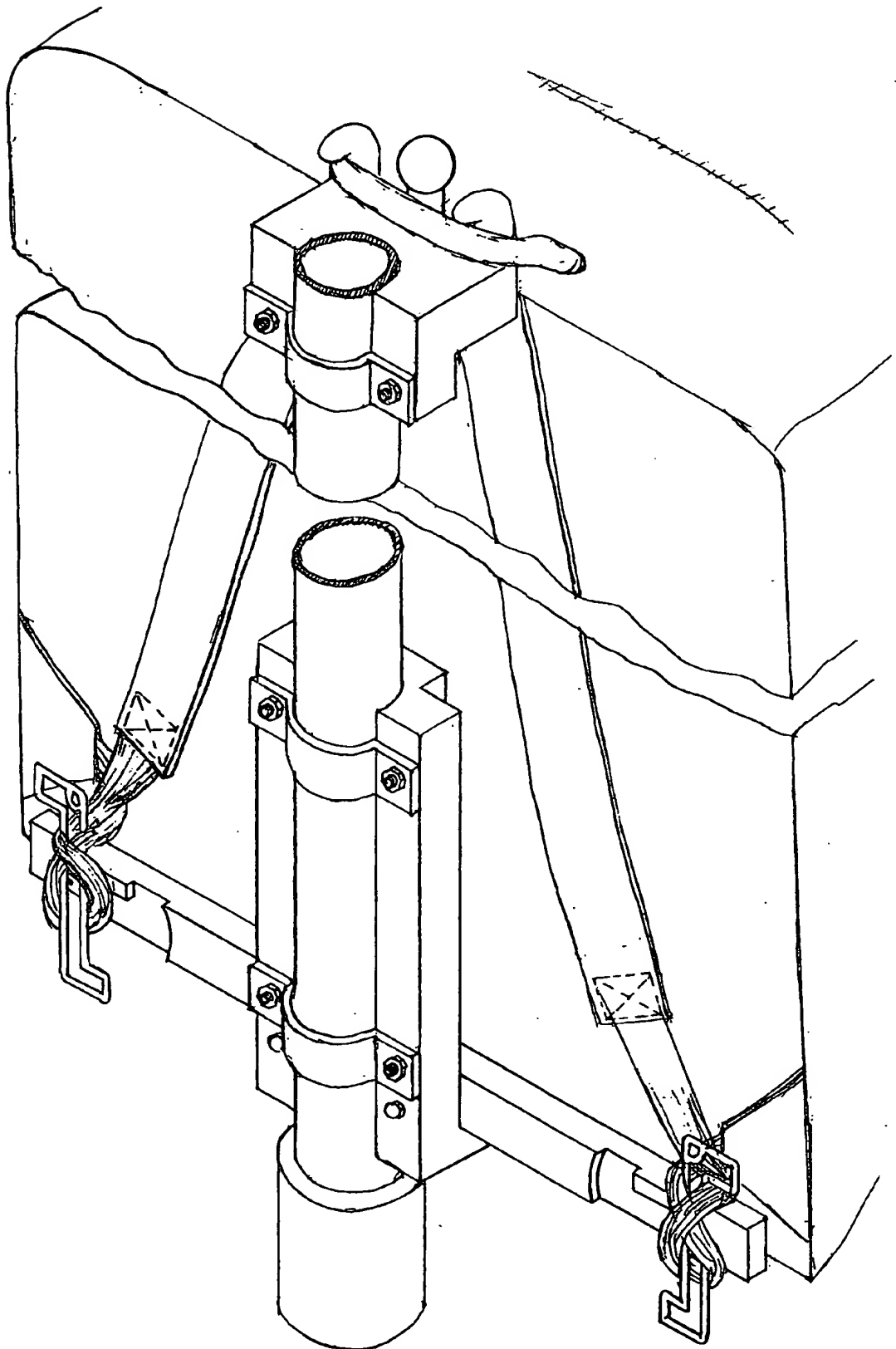


FIG. 62-B

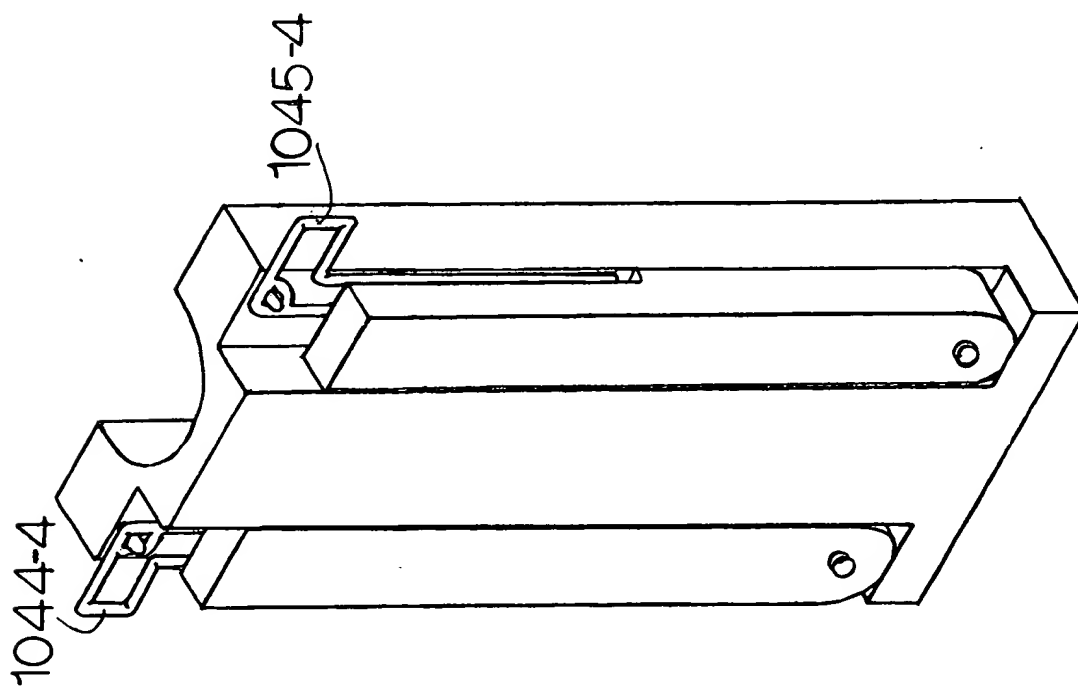
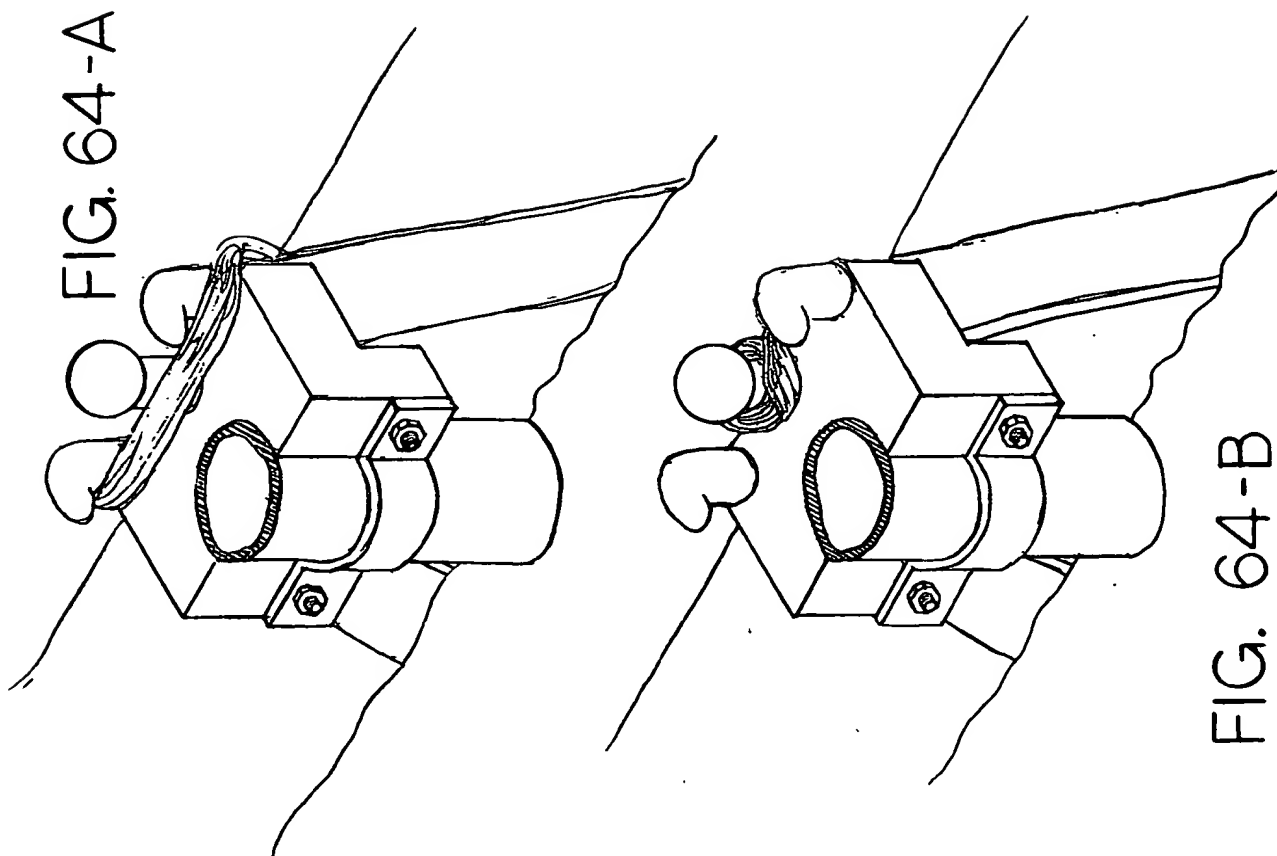


FIG. 63



+

FIG. 65-C

FIG. 65-B

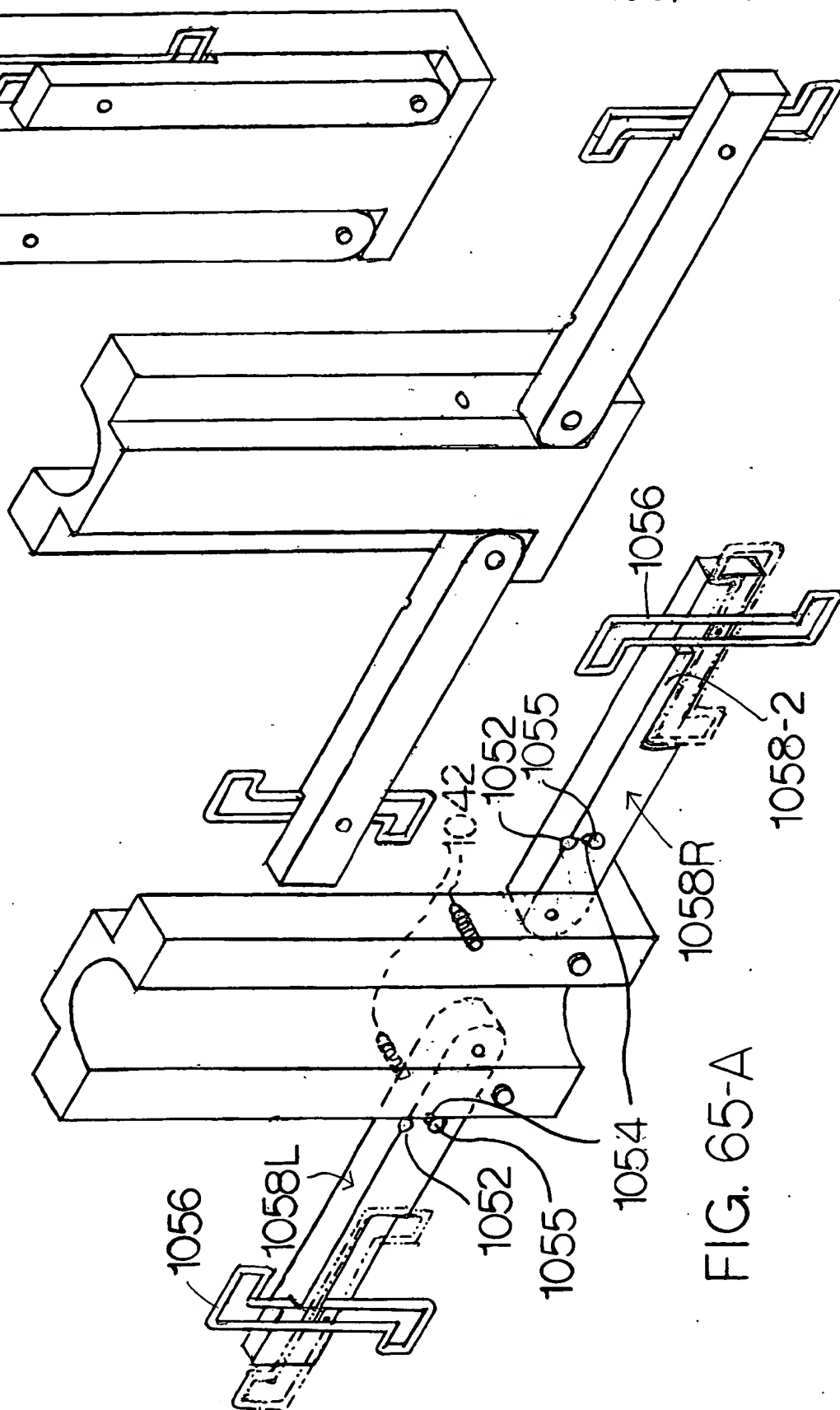


FIG. 65-A

+

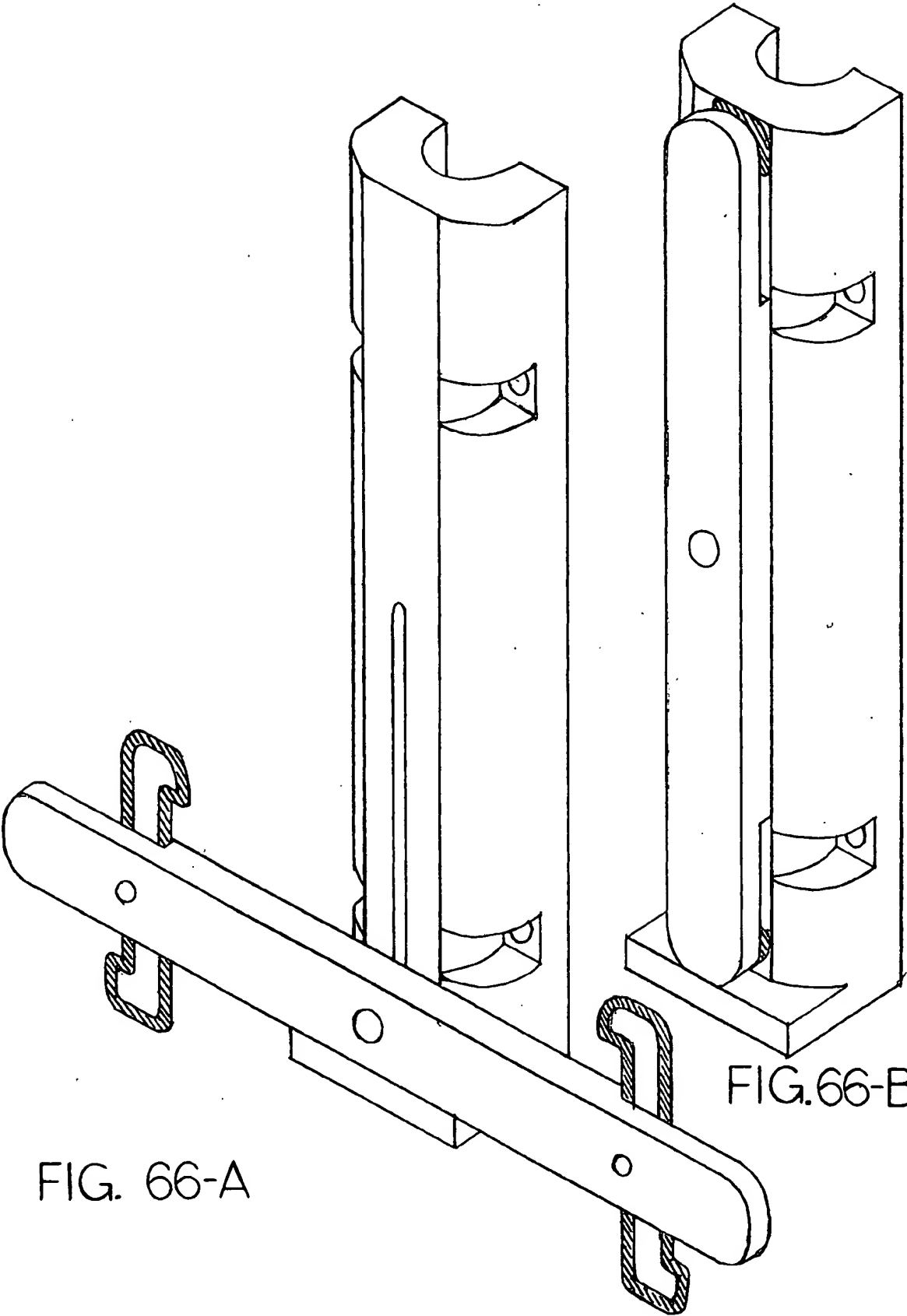


FIG. 66-A

FIG. 66-B

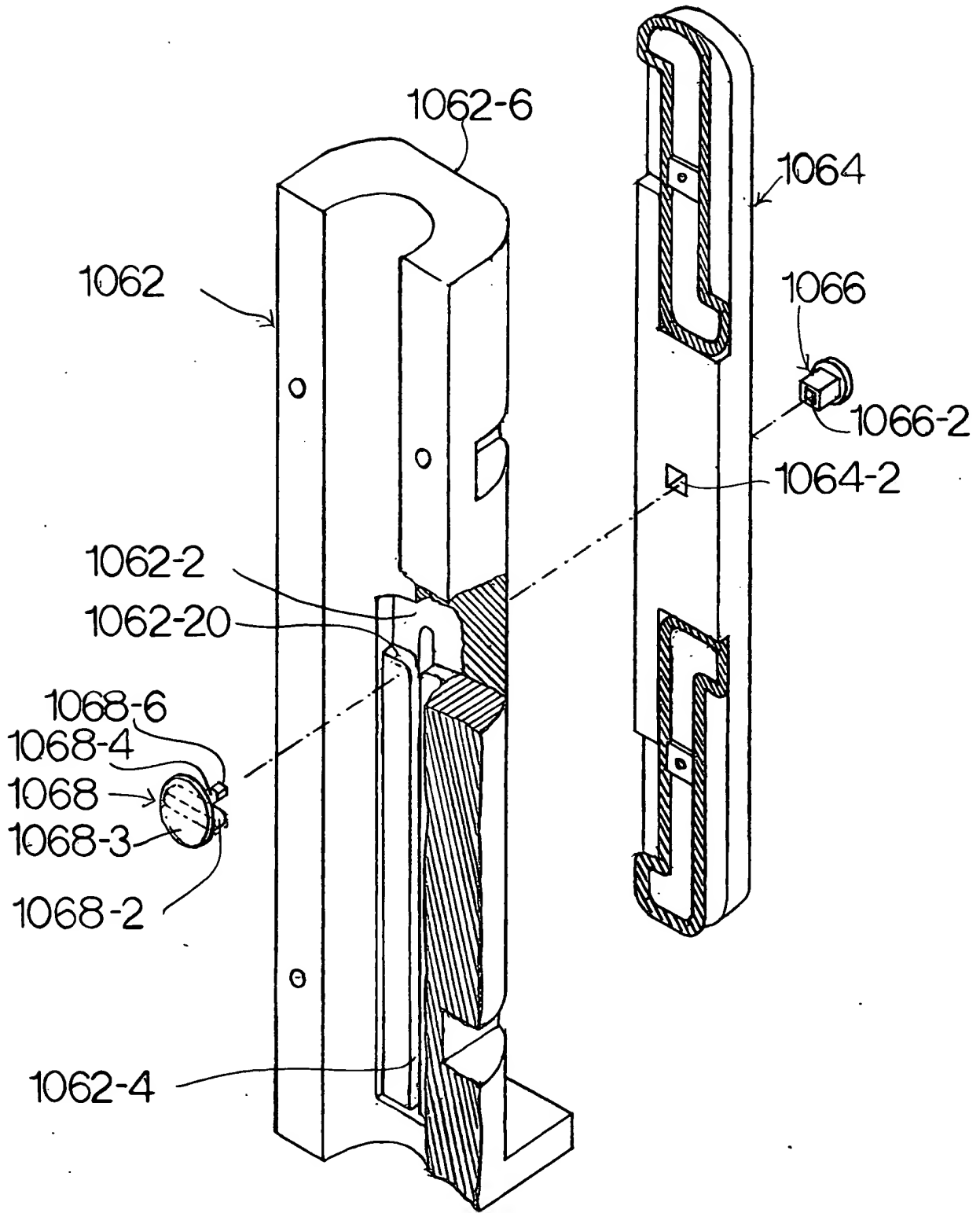


FIG. 66-C

171/173

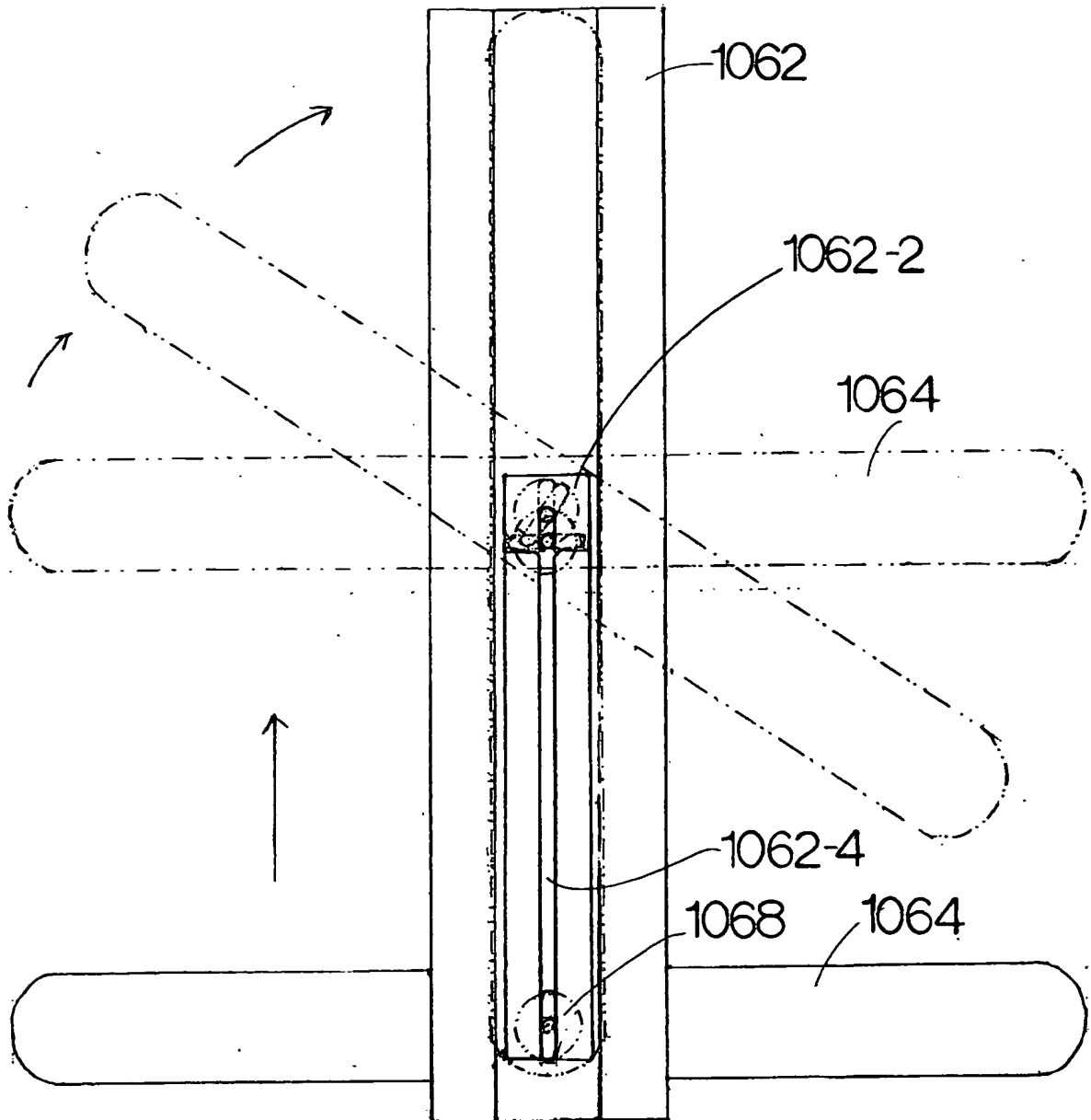


FIG. 66-D

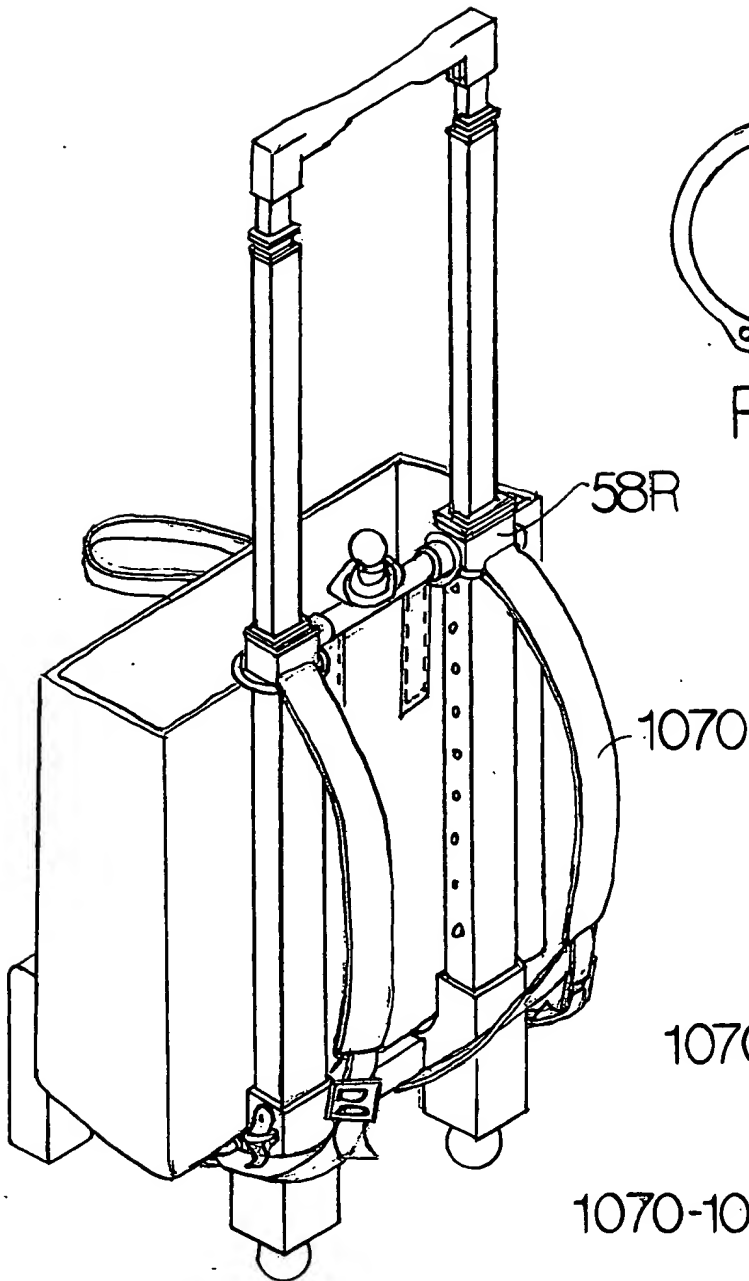


FIG. 67-A

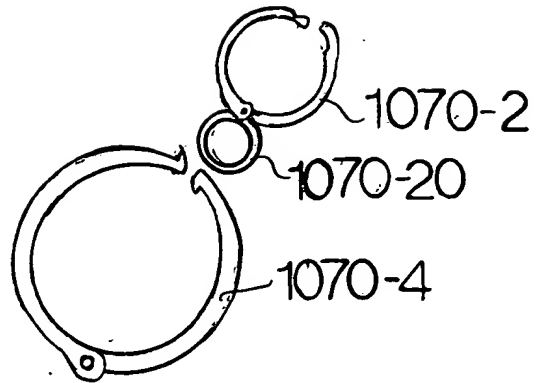


FIG. 67-B'

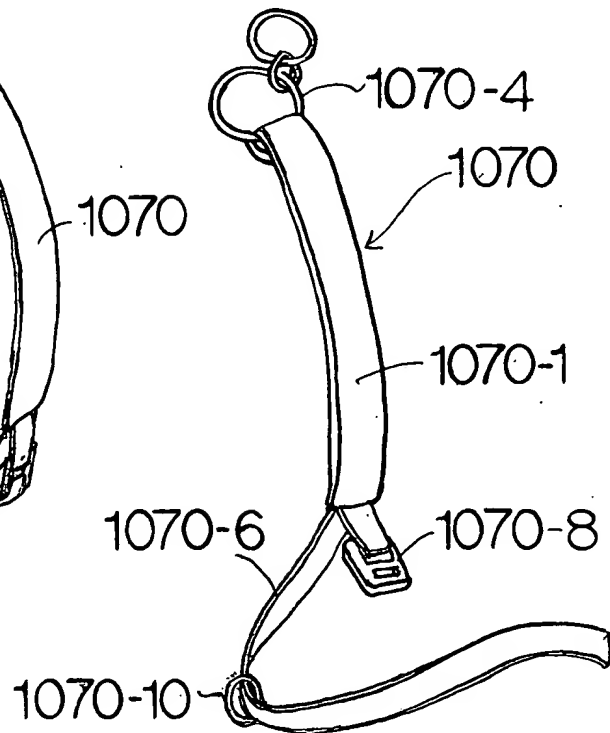


FIG. 67-B

173/173

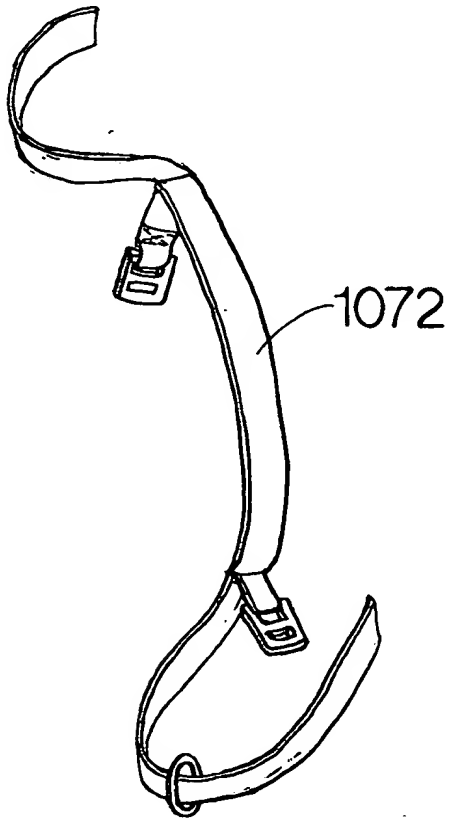


FIG. 67-C

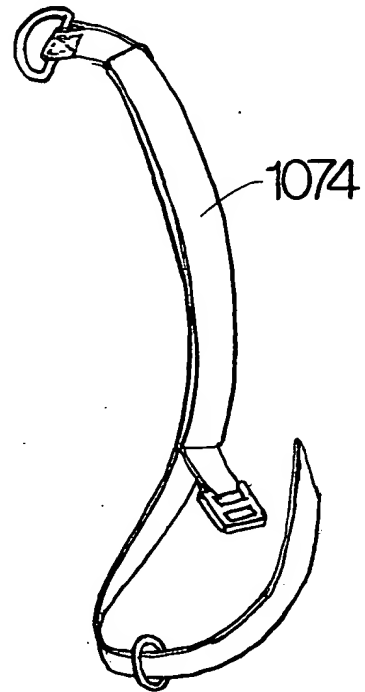


FIG. 67-D

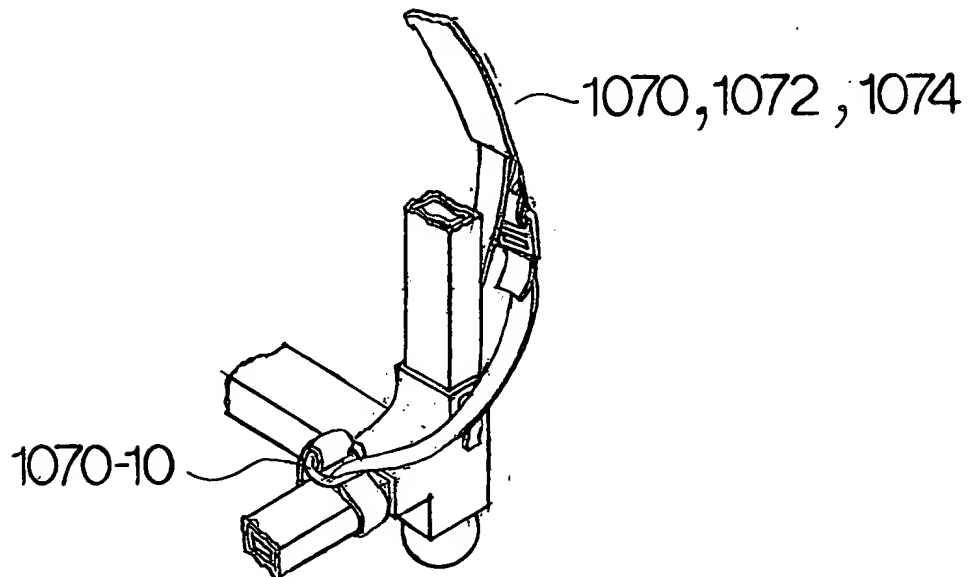


FIG. 67-E